



Emergency Medical Services Incident Reporting System Version 2.0 (EMSIRS-2)

Data Dictionary



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Introduction

Ohio Revised Code section 4765.06 states “The state board of emergency medical services shall establish an emergency medical services incidence reporting system for the collection of information regarding the delivery of emergency medical services in this state and the frequency at which the services are provided. All emergency medical service organizations shall submit to the board any information that the board determines is necessary for maintaining the incidence reporting system.” The EMS Incident Reporting System (EMSIRS) was created in 2002 to fulfill the requirements of this law.

The basis for the data elements collected by EMSIRS is the national standard EMS data set created by the National EMS Information System (NEMSIS). The NEMSIS data set was created to replace the aging and increasingly ineffective Uniform Prehospital Data Set, which was the national standard from 1992 until 2004, and was the basis for the original EMSIRS data set.

The information collected by EMSIRS is used to guide the State Board of Emergency Medical Services in creating statewide rules and policies regarding training, education and system oversight. It is also used for medical research and for EMS performance improvement.

Data Dictionary versus Technical Manual

The *EMSIRS-2 Data Dictionary* is designed to guide EMS personnel in the collection of information on emergency runs made in the State of Ohio. It is designed to assure all parties involved are using uniform definitions and allowed values.

The *EMSIRS-2 Technical Manual* is designed to inform programmers and other IT personnel of the codes associated with data elements, the file layout, edits and crosschecks, and other procedural details that the EMS personnel collecting the data do not necessarily need to know.

Implementation of the EMSIRS-2 Data Set

The Ohio State Board of Emergency Medical Services, on the advice of the Incident Reporting System Advisory Committee has made the decision to use *phased implementation* for the EMSIRS-2 data set. Phased implementation is being provided to ease the transition to the new data set.

The date for the Ohio Department of Public Safety's EMS Division to be ready to accept EMSIRS-2 data is January 1, 2006. The EMSIRS web-based data entry system will be switched to the new data set at that time.

But users of third-party software (such as Firehouse) may continue to use the original EMSIRS data set until their software is ready to upgrade to EMSIRS-2. They may upgrade to EMSIRS-2 at any point after January 1, 2006, but they **MUST** be using EMSIRS-2 beginning January 1, 2008.

Caution is advised that this two-year phased implementation period may seem like a long time and that work on the new system can start "later." However, experience with the initial deployment of EMSIRS shows not delaying and beginning the transition as soon as possible can avoid a lot of pain and frustration

Which incidents require submission of data to EMSIRS?

Ohio Administrative Code section 4765-13-01 gives the legal definition:

(A) “EMS Incident” means any ground or air response to a call for emergency medical services by a public or private emergency medical service organization.

(B) “Response to a call for emergency medical service” means any of the following:

(1) Treatment provided to a patient by a person who holds an EMS certificate to practice, transport of a patient from a call for EMS to an emergency care facility, ...a cancelled call, or a call where a patient was treated and not transported.

(2) Transport between emergency care centers ... provided by an EMS organization.

(3) Transports of a patient from a medical care facility or emergency care facility to a residence or non-emergency transports of a patient from a residence to a medical care facility are not included within this definition.

(C) “Medical care facility” means a doctor’s office, hospital (excluding emergency department), outpatient care center, rehabilitation center, nursing home, extended care facility, or industrial clinic.

(D) “Emergency care facility” means a hospital emergency department, urgent care facility or trauma center.

In Summary:

EMSIRS Submission Criteria

The following types of runs are to be reported:

- + Transports to an emergency department
- + Transports to an urgent care center
- + Cancelled or disregarded runs not reported by another agency
- + Refusals of care
- + Treat and release
- + No patient found / gone on arrival
- + Dead at the scene
- + Transfers from an ED or urgent care center to another ED or urgent care center

The following types of runs are NOT to be reported:

- Transports to a doctor’s office
- Transports to an outpatient care center
- Transports to a rehabilitation facility
- Transports to a nursing home / skilled nursing facility / extended care facility
- Transports to an industrial clinic
- Transports to a part of a hospital other than the emergency department
- Transports to a private residence
- Incidents that are reported by another agency

Explanation of terms and format

Each data element is listed separately and has the following sections: Data Element Name, Description & General Notes, and Allowed Values.

Multiple Entry: Indicates whether or not multiple values can be submitted in a data element. If listed as 'No' then only one value can be entered. If listed as 'Yes' the number following indicates the maximum number of values that can be entered.

Description & General Notes: An explanation of the data element.

Allowed Values: The only values that can be submitted for the data element.

Is it “Not Applicable” or “Unknown”?

Not Applicable - At the time of EMS patient care report documentation, the information requested was “Not Applicable” to the incident or patient. For example, this value would be used to document injury related information on a patient who was ill and not injured.

Unknown - At the time of an EMS patient care report documentation, information was “Unknown” to patient, family, and EMS personnel. This documents that there was an attempt to obtain information but it was not known by the parties involved

Who is an adult trauma patient and who is a pediatric trauma patient?

According to the Laws and Rules of the State of Ohio, for purposes of trauma triage, pediatric trauma patients are under the age of 16, and adult trauma patients are age 16 years and older.

Data Element # 1: **EMS Agency Number**

Multiple Entry: No

Description & General Notes: The EMS Agency Identification Number of the reporting agency as assigned by the Division of EMS.

EMS Agency ID Numbers follow one of two patterns:

- 1) If the EMS Agency is fire department based, then the FDID as assigned by the State Fire Marshall's Office is used. This ID will be the two-digit county code, a dash/hyphen (-) and then a three-digit agency identifier.

Example: 12-345.

- 2) If the EMS Agency is non-fire department based, then the EMS Division assigns a code that starts with the two-digit county code, a dash/hyphen (-) followed by the letter E, and then a three-digit agency identifier.

Example: 12-E345

Allowed Values: Any valid EMS Agency Identification Number

Data Element # 2: **Incident/PCR Number**

Multiple Entry: No

Description & General Notes: The unique number automatically assigned by the EMS agency for each patient care or incident report.

This number cannot be repeated ever and must be unique for all time. Most agencies start numbering incidents at the beginning of each year. It is recommended that a prefix indicating the year of the incident be added to the incident number to make it unique for all time.

Example: The first incident of 2006 would be Incident # 06-001 or 2006-001, and the first incident of 2007 would be Incident # 07-001 or 2007-001.

Allowed Values: Any alphanumeric entry

Data Element # 3: **Type of Service Requested**

Multiple Entry: No

Description & General Notes: Type or category of service requested of the EMS service responding for this specific EMS incident. See each Allowed Value for its definition.

Allowed Values:

- 911 Response (Scene)
This is the correct value to enter if the EMS Agency responded to the scene of an emergency in its own jurisdiction, whether the caller used 911 or dialed direct to the EMS Agency dispatcher using a regular phone number.
 - ED-to-ED Transfer
This is the correct value to enter if the EMS Agency transferred a patient from an emergency department, urgent care center, or free-standing ED to another emergency department, urgent care center, or free-standing ED.
 - Medical Transport
This is the correct value to enter if the EMS Agency responded to a request for medical transport to the emergency department.
 - Mutual Aid
This is the correct value if the EMS Agency responded to the scene of an emergency outside its jurisdiction at the request of another EMS Agency.
-

Data Element # 4: **Unit ID / Call Sign**

Multiple Entry: No

Description & General Notes: The EMS unit ID number or call sign used to dispatch and communicate with the unit creating the EMSIRS report for this specific incident.

This element will be tied to a list of Unit IDs / Call Signs in the master EMS Agency database at Division of EMS and will be used to identify the type of unit creating the report.

Allowed Values: Any alphanumeric value on file in the master EMS Agency database

Data Element # 5: **Primary Role of the Reporting Unit**

Multiple Entry: No

Description & General Notes: The primary role of the unit creating the EMSIRS report for this specific incident.

Allowed Values:

- Non-transport
This is the correct value to enter if the reporting unit's role in this incident is to provide EMS care but is not intended to provide transport.
 - Rescue
This is the correct value to enter if the reporting unit's role in this incident is to provide rescue services.
 - Supervisor
This is the correct value if the reporting unit's role in this incident is as a supervisor
 - Transport
This is the correct value to enter if the reporting unit's role in this incident is to provide transportation of the patient even if no transport happened.
-

Data Element # 6: **Crew Certification/License Levels**

Multiple Entry: Yes, 6

Description & General Notes: The certification or license levels of the crew members of the EMS unit.

If a person holds multiple certifications/licenses, indicate the certificate/license they are operating under for this incident. Example: If a crew member has both an RN license and an EMT-Paramedic certificate but is operating under the EMS Agency's EMT-P protocol, list them as an EMT-Paramedic.

Allowed Values:

- | | |
|---------------------|-------------------------------------|
| • First Responder | • Physician (MD or DO) |
| • EMT-Basic | • Student (EMS or other healthcare) |
| • EMT-Intermediate | • Other healthcare provider |
| • EMT-Paramedic | • Other non-healthcare provider |
| • Nurse (RN or LPN) | |
-

Data Element # 7: **Incident Address**

Multiple Entry: No

Description & General Notes: Address, intersection, or roadway location where patient was found. If no patient was found, use the address to which the unit was dispatched.

Allowed Values: Any alphanumeric entry

Data Element # 8: **Incident City/Village/Township**

Multiple Entry: No

Description & General Notes: This is ***NOT*** the mailing address but the actual location (the actual city, village or township) of the EMS incident.

When reporting the location of an incident to EMSIRS, the city is to be reported using the actual, physical location of the incident, NOT the mailing address of the incident.

Example: An incident takes place in Polkadot Township at a residence that has a Metropolis mailing address, it should be reported as having occurred in Polkadot Township. Only those incidents which occur inside the borders of Metropolis should be reported as having occurred in the City of Metropolis.

The values used are based on the Federal Information Processing Standards (FIPS) codes to report location of incident to EMSIRS. FIPS assigns a unique identifier to every city, village and township in the country. US Postal Service mailing addresses are not used because they cross municipal boundaries, making exact locations difficult to pin down in rural and suburban areas. Also, it is important to know in which jurisdiction the incident occurred.

If the incident occurred on a municipal line and is “too close to call” use your best judgment as to which one to enter.

Allowed Values:

Any valid FIPS location. See Appendix E for a listing of all Ohio FIPS locations and their codes.

Data Element # 9: **Incident ZIP Code**

Multiple Entry: No

Description & General Notes: The ZIP Code of the incident.

Allowed Values:

Any valid 5-digit ZIP Code

Data Element # 10: **Incident County**

Multiple Entry: No

Description & General Notes: The County in Ohio where the EMS incident occurred. If the incident occurs on a county line and is “too close to call,” use the county of the reporting EMS Agency.

Incidents that occur outside Ohio are not reported.

Allowed Values:

Adams	Hamilton	Noble
Allen	Hancock	Ottawa
Ashland	Hardin	Paulding
Ashtabula	Harrison	Perry
Athens	Henry	Pickaway
Auglaize	Highland	Pike
Belmont	Hocking	Portage
Brown	Holmes	Preble
Butler	Huron	Putnam
Carroll	Jackson	Richland
Champaign	Jefferson	Ross
Clark	Knox	Sandusky
Clermont	Lake	Scioto
Clinton	Lawrence	Seneca
Columbiana	Licking	Shelby
Coshocton	Logan	Stark
Crawford	Lorain	Summit
Cuyahoga	Lucas	Trumbull
Darke	Madison	Tuscarawas
Defiance	Mahoning	Union
Delaware	Marion	Van Wert
Erie	Medina	Vinton
Fairfield	Meigs	Warren
Fayette	Mercer	Washington
Franklin	Miami	Wayne
Fulton	Monroe	Williams
Gallia	Montgomery	Wood
Geauga	Morgan	Wyandot
Greene	Morrow	
Guernsey	Muskingum	

Data Element # 11: **Type of Dispatch Delay**

Multiple Entry: Yes, 4

Description & General Notes: The cause of any delays in the dispatch of the EMS unit to the EMS incident. These will occur in the dispatch center or public safety answering point (PSAP).

Allowed Values:

- Caller (Uncooperative)
Use this value if dispatch of the EMS unit was delayed by an uncooperative caller
- High Call Volume
Use this value if dispatch of the EMS unit was delayed by a high volume of calls in the dispatch center
- Language Barrier
Use this value if dispatch of the EMS unit was delayed by difficulty in communicating with the caller because of language problems
- Location (Unable to obtain)
Use this value if dispatch of the EMS unit was delayed by the inability to determine where to dispatch the EMS unit
- No Units Available
Use this value if dispatch of the EMS unit was delayed by lack of available EMS units
- None
Use this value if dispatch of the EMS unit was not delayed
- Other
Use this value if dispatch of the EMS unit was delayed for other reasons not listed here
- Scene Safety (Not secure for EMS)
Use this value if dispatch of the EMS unit was delayed because the scene was not safe for EMS to approach
- Technical Failure (Computer, Phone, etc.)
Use this value if dispatch of the EMS unit was delayed by failure of phones, computers, radios, or other technical failure.
- Unknown
Use this value if there was a dispatch delay but the reason is not known by the EMS unit.

Data Element # 12: **Type of Response Delay**

Multiple Entry: Yes, 4

Description & General Notes: The cause of any delays in the response of the EMS unit to the scene of the EMS incident.

Allowed Values:

- Crowd
Use this value if the arrival of the EMS unit at the scene was delayed by crowds
- Directions
Use this value if the arrival of the EMS unit at the scene was delayed because of bad or inadequate directions or if the unit got lost en route
- Distance
Use this value if the arrival of the EMS unit at the scene was delayed by a long distance to the scene from the unit's location when dispatched
- Diverted
Use this value if the arrival of the EMS unit at the scene was delayed due to diversion of the initially dispatched unit to another incident
- HazMat
Use this value if the arrival of the EMS unit at the scene was delayed because of hazardous materials dangers
- None
Use this value if the arrival of the EMS unit at the Scene was not delayed
- Other
Use this value if the arrival of the EMS unit at the scene was delayed by other reasons not listed here
- Safety
Use this value if the arrival of the EMS unit at the scene was delayed because of scene safety issues (except HazMat or crowds)
- Staff Delay
Use this value if the arrival of the EMS unit at the scene was delayed because of issues arising with crew members
- Traffic
Use this value if the arrival of the EMS unit at the scene was delayed by heavy traffic
- EMS Unit Involved in Vehicle Crash
Use this value if the arrival of the EMS unit at the scene was delayed because the unit was involved in a crash
- EMS Unit Vehicle Failure
Use this value if the arrival of the EMS unit at the scene was delayed for mechanical reasons (except vehicle crash)
- Weather
Use this value if the arrival of the EMS unit at the scene was delayed by bad weather

Data Element # 13: **Type of Scene Delay**

Multiple Entry: Yes, 4

Description & General Notes: The cause of any delays at the scene of the EMS incident that caused a longer than expected scene time.

Allowed Values:

- Crowd
Use this value if scene time was extended because of crowds
- Directions
Use this value if scene time was extended because of bad or inadequate directions or if the crew could not find the patient
- Distance
Use this value if scene time was extended because of the distance from vehicle to patient
- Diversion
Use this value if scene time was extended because of the need to find a receiving hospital not on diversion before departing the scene
- Extrication >20 minutes
Use this value if scene time was extended because of an extrication that took longer than 20 minutes
- HazMat
Use this value if scene time was extended because of hazardous materials dangers
- Language Barrier
Use this value if scene time was extended because of difficulty in communicating with the patient due to language problems
- None
Use this value if scene time was not extended
- Other
Use this value if scene time was extended for reasons not listed here
- Safety
Use this value if scene time was extended because of scene safety issues (except HazMat and crowds)
- Staff Delay
Use this value if scene time was extended because of issues arising with crew members
- Traffic
Use this value if scene time was extended because of heavy traffic
- EMS Unit Involved in Vehicle Crash
Use this value if scene time was extended because the unit was involved in a crash
- EMS Unit Vehicle Failure
Use this value if scene time was extended for mechanical reasons (except vehicle crash)
- Weather
Use this value if scene time was extended because of bad weather
- Not Applicable
This value may be used only if the patient was not transported

Data Element # 14: **Type of Transport Delay**

Multiple Entry: Yes, 4

Description & General Notes: The cause of any delays in the transport of the patient to the destination.

Allowed Values:

- Crowd
Use this value if delays in transport were caused by crowds
- Directions
Use this value if delays in transport were caused by bad or inadequate directions or if the crew got lost en route
- Distance
Use this value if delays in transport were caused by long distance to the hospital
- Diversion
Use this value if delays in transport were caused by being diverted en route to the hospital
- HazMat
Use this value if delays in transport were caused by hazardous materials dangers
- None
Use this value if there were no delays in transport
- Other
Use this value if delays in transport were caused by reasons not listed here
- Safety
Use this value if delays in transport were caused by safety issues
- Staff Delay
Use this value if delays in transport were caused by issues arising with crew members
- Traffic
Use this value if delays in transport were caused by heavy traffic
- EMS Unit Involved in Vehicle Crash
Use this value if delays in transport were caused by the unit being involved in a crash
- EMS Unit Vehicle Failure
Use this value if delays in transport were caused by mechanical failure of the vehicle
- Weather
Use this value if delays in transport were caused by bad weather
- Not Applicable
This value may be used only if the patient was not transported

Data Element # 15: **Type of Return to Service Delay**

Multiple Entry: Yes, 4

Description & General Notes: The cause of any delays in returning to service (“turn-around delays”) experienced by the EMS unit.

Allowed Values:

- Clean up
Use this value if clean up took longer than normal
- Decontamination
Use this value if return to service was delayed by unit decontamination
- Documentation
Use this value if return to service was delayed by longer than normal documentation
- ED Overcrowding
Use this value if return to service was delayed by ED overcrowding
- Equipment Failure
Use this value if return to service was delayed by equipment failure (except vehicle)
- Equipment Replenishment
Use this value if return to service was delayed by longer than normal resupply
- None
Use this value if there were no delays in return to service
- Other
Use this value if return to service was delayed by other reasons not listed here
- Staff Delay
Use this value if return to service was delayed by issues arising with crew members
- Vehicle Failure
Use this value if return to service was delayed by vehicle failure
- Not Applicable
This value may be used only if the patient was not transported

Data Element # 16: **Response Mode to Scene**

Multiple Entry: No

Description & General Notes: Indication of whether or not lights and sirens were used on the vehicle on the way to the scene. If the patient was a “walk-in” please select “No Lights or Sirens.”

Allowed Values:

- Initial Lights and Sirens, Downgraded to No Lights or Sirens
Use this value if the response to the scene started with lights and sirens but the lights and sirens were stopped before arriving at the scene
 - Initial No Lights or Sirens, Upgraded to Lights and Sirens
Use this value if the response to the scene did not start with lights and sirens but the lights and sirens were turned on before arriving at the scene
 - Lights and Sirens
Use this value if lights and sirens were used the whole way to the scene
 - No Lights or Sirens
Use this value if lights and sirens were not used at all on the way to the scene
-

Data Element # 17: **Complaint Reported by Dispatch**

Multiple Entry: No

Description & General Notes: The complaint dispatch reported to the responding EMS unit. Use the value that is closest to the complaint reported by dispatch (or as reported by the “walk-in” patient).

Allowed Values:

- | | |
|--------------------------|---------------------------------|
| • Abdominal Pain | • Headache |
| • Allergies | • Heart Problems |
| • Animal Bite | • Heat / Cold Exposure |
| • Assault | • Hemorrhage / Laceration |
| • Back Pain | • Illness not listed here |
| • Breathing Problem | • Industrial Accident |
| • Burns | • Ingestion / Poisoning |
| • CO Poisoning / HazMat | • Injury not listed here |
| • Cardiac Arrest | • Mass Casualty Incident |
| • Chest Pain | • Pregnancy / Childbirth |
| • Choking | • Psychiatric Problems |
| • Convulsions / Seizures | • Stab / Gunshot Wound |
| • Diabetic Problem | • Stroke / CVA |
| • Drowning | • Traffic Accident |
| • Electrocution | • Transfer |
| • Eye Problem | • Unconscious / Fainting |
| • Fall Victim | • Unknown Problem / Person Down |

Data Element # 18: **Emergency Medical Dispatch (EMD) Performed**

Multiple Entry: No

Description & General Notes: Indication of whether Emergency Medical Dispatch (EMD) was performed for this EMS incident.

EMD is provided by specially trained dispatchers who question callers about the nature of the incident, prioritize calls, and can provide pre-arrival treatment instructions to the caller in emergency situations

Allowed Values:

- Yes, with Pre-Arrival Instructions
EMD was performed for this incident and the caller was given instructions on how to provide treatment (CPR, bleeding control, etc.) for the patient
 - Yes, without Pre-Arrival Instructions
EMD was performed for this incident but no treatment instructions were given
 - No
EMD was not performed for this incident. (If your dispatchers never provide EMD, this will always be the correct value)
-

Data Element # 19: **Date/Time of Initial Call for Help**

Multiple Entry: No

Description & General Notes: The date/time the phone rings at the public safety answering point (PSAP), dispatch center, or other designated entity requesting EMS services.

Allowed Values:

Any valid date/time on or after the patient's date of birth

Data Element # 20: **Unit Notified by Dispatch Date/Time**

Multiple Entry: No

Description & General Notes: The date/time of initial notification of the EMS unit by dispatch.

This is the date and time that the dispatch center first notifies the EMS unit, even if it takes more than one notification to alert the unit.

Allowed Values:

Any valid date/time equal to or later than Initial Call for Help

Data Element # 21: **Unit En Route Date/Time**

Multiple Entry: No

Description & General Notes: The date/time the EMS unit responded.

This is the date/time the vehicle actually started moving to the scene.

Allowed Values:

Any valid date/time equal to or later than Unit Notified by Dispatch

Data Element # 22: **Unit Arrived on Scene Date/Time**

Multiple Entry: No

Description & General Notes: The date/time the EMS unit arrived on the scene.

This is the date/time the vehicle stopped moving at the scene.

Allowed Values:

Any valid date/time equal to or later than Unit En Route

Data Element # 23: **Arrived at Patient Date/Time**

Multiple Entry: No

Description & General Notes: The date/time EMS personnel arrived at the patient's side.

Allowed Values:

Any valid date/time equal to or later than First Unit Arrived on Scene

Data Element # 24: **Unit Left Scene for Hospital Date/Time**

Multiple Entry: No

Description & General Notes: The date/time the transporting vehicle left the scene.

This is the date/time the EMS unit started moving to the destination with the patient on-board.

Allowed Values:

Any valid date/time equal to or later than Arrived at Patient

Data Element # 25: **Patient Arrived at Destination Date/Time**

Multiple Entry: No

Description & General Notes: The date/time the transporting unit arrived with the patient at the destination.

Allowed Values:

Any valid date/time equal to or later than Unit Left Scene for Hospital

Data Element # 26: **Date/Time Incident Completed**

Multiple Entry: No

Description & General Notes: The date/time the unit was finished with the incident but not necessarily available to respond to next incident. May be the same date/time as Data Element #27 (Date/Time Unit Available for Next Incident).

Allowed Values:

Any valid date/time equal to or later than Unit En Route date/time

Data Element # 27: **Date/Time Unit Available for Next Incident**

Multiple Entry: No

Description & General Notes: The date/time the responding unit was back in their service area and able to respond to another incident. This may be the same date/time as Data Element #26 (Date/Time Incident Completed).

Allowed Values:

Any valid date/time equal to or later than Unit En Route date/time

Data Element # 28: **Patient's Home ZIP Code**

Multiple Entry: No

Description & General Notes: The ZIP code of the patient's residence

Allowed Values:

Any valid 5-digit ZIP Code

Data Element # 29: **Gender**

Multiple Entry: No

Description & General Notes: The patient's gender.

Allowed Values:

- Male
 - Female
 - Unknown
-

Data Element # 30: **Race**

Multiple Entry: No

Description & General Notes: The patient's race as defined by the Federal government.

Allowed Values:

- American Indian / Alaska Native
 - Asian
 - Black or African-American
 - Native Hawaiian / Pacific Islander
 - White
 - Other Race
 - Unknown
-

Data Element # 31: **Ethnicity**

Multiple Entry: No

Description & General Notes: The patient's ethnicity as defined by the Federal government.

Allowed Values:

- Hispanic or Latino
 - Not Hispanic or Latino
 - Unknown
-

Data Element # 32: **Date of Birth**

Multiple Entry: No

Description & General Notes: The patient's date of birth (DOB).

If you know the patient's age but not the date of birth: give DOB of January 1 of the appropriate year.

If both date of birth and age are unknown: estimate the patient's age and give DOB of January 1 of the appropriate year.

Allowed Values:

Any valid date equal to or less than the date of Initial Call for Help

Data Element # 33: **Primary Method of Payment**

Multiple Entry: No

Description & General Notes: Indicate the method by which the EMS agency will be reimbursed for this incident.

This element is not about what insurance the patient has, but rather how your agency will be reimbursed for this incident. If your agency does not bill for its services, this element will always be reported as 'Not billed for any reason'. This is very important information because in the current climate of shrinking budgets, cost-cutting, and rising healthcare costs, it is critical to understand how the EMS system is being financed.

Allowed Values:

- Commercial Insurance
Use this value if this incident will be billed to a commercial insurance plan such as health insurance or auto insurance that is paid for privately by the patient, the patient's family, or the patient's employer (excluding Worker's Compensation).
- Medicaid
Use this value if this incident will be billed to Medicaid, the state/federal program that pays for medical assistance for individuals and families with low incomes and resources.
- Medicare
Use this value if this incident will be billed to Medicare, the federal health insurance program for people 65 and older, or persons under 65 with certain disabilities
- Not Billed (for any reason)
Use this value if the patient will not be billed at all for this incident
- Other Government (not Medicare, Medicaid, or Worker's Comp)
Use this value if this incident will be billed to a government insurance policy besides Medicare, Medicaid, or Worker's Compensation
- Self Pay / Patient Has No Insurance
Use this value if this incident will be billed to the patient directly, or if the patient has no insurance policy that will pay for this incident
- Unknown
Use this value if this incident will be billed but the type of insurance is not known
- Worker's Compensation
Use this value if this incident will be billed to Worker's Compensation

Data Element # 34: **Level of Service Provided**

Multiple Entry: No

Description & General Notes: The level of EMS care provided for this EMS incident, as defined by the Federal government.

Record the level of service actually provided, not the level of service available to the patient. Just because an EMT-I or EMT-P was on the run does not mean ALS service was provided.

Allowed Values:

- BLS, Emergency
 - The provision of basic life support (BLS) services. Please note that just because an EMT-I or EMT-P was on the run does not mean ALS service was provided.
- ALS, Level 1 Emergency
 - The provision of an assessment by an advanced life support (ALS) provider and/or the provision of one or more ALS interventions. An ALS provider is defined as a provider certified as an EMT-Intermediate or Paramedic. An ALS intervention is defined as any procedure beyond the scope of an EMT-Basic.
- ALS, Level 2
 - The administration of at least three different medications and/or the provision of one or more of the following ALS procedures:
 - Defibrillation/Cardioversion
 - Endotracheal Intubation
 - Central Venous Line
 - Cardiac Pacing
 - Chest Decompression
 - Surgical Airway
 - Intraosseous Line
- Specialty Care Transport
 - A level of inter-facility service provided beyond the scope of the Paramedic. This is necessary when a patient's condition requires ongoing care that must be provided by one or more health professionals from an appropriate specialty (nursing, medicine, respiratory care, or cardiovascular care).
- Rotary Wing (Helicopter)
 - Transportation was made by helicopter ambulance. This takes precedence over BLS, ALS and Specialty Care Transport.
- Not Applicable
 - This value may be used only if the Incident Disposition indicates no patient contact.

Data Element # 35: **Condition Code (pending)**

Multiple Entry: No

Description & General Notes: The condition codes associated with the CMS – EMS Negotiated Rule Making process.

Allowed Values:

This will be a list of 95 condition codes that can be mapped to ICD-9-CM codes. This list is still in draft at the Federal level and will be incorporated into EMSIRS when finalized.

Data Element # 36: **Number of Patients at Scene**

Multiple Entry: No

Description & General Notes: An indicator of the number of patients at the scene of this EMS incident.

Allowed Values:

- Single
 - Multiple
 - None
-

Data Element # 37: **Mass Casualty Incident**

Multiple Entry: No

Description & General Notes: Indicator if this incident is considered by the reporting EMS agency to be a mass casualty incident (MCI) according to their county standards.

Note: Because each agency has different abilities to respond to multiple patient incidents, the definition of Mass Casualty Incident is set at the county and local level. Therefore there is no set state definition. The county Emergency Management Agency is responsible for defining MCI for their county.

Allowed Values:

- No
- Yes

Data Element # 38: Incident Location Type

Multiple Entry: No

Description & General Notes: The kind of location where the incident happened.

Allowed Values:

- Home/Residence
Any home, apartment, or residence (not just the patient's home). Includes the yard, driveway, garage, pool, garden, or walk of a home, apartment, or residence
- Farm
A place of agriculture, except for a farmhouse. Includes land under cultivation and non-residential farm buildings.
- Mine or Quarry
Includes sand pits, gravel pits and tunnels under construction
- Industrial Place and Premises
A place where things are made or are being built, includes construction sites, factories, warehouses, industrial plants, docks and railway yards.
- Place of Recreation or Sport
Includes amusement parks, public parks and playgrounds, sports fields/courts/courses, sports stadiums, skating rinks, gymnasiums, and resorts
- Street or Highway
Any public street, road, highway, or avenue
- Public Building
Any publicly owned building and its grounds, including schools and government offices
- Trade or Service
Any privately owned building used for business. Includes bars, restaurants, office buildings, churches, stores, bus/railway stations. Excludes health care facilities.
- Health Care Facility
A place where healthcare is delivered, except nursing homes. Includes clinics, doctor's offices, and hospitals
- Residential Institution (nursing home, jail/prison, group home)
A place where people live that is not a private home, apartment, or residence. Includes nursing home, jail/prison, orphanage, and group home
- Lake, River, Reservoir
Any body of water, except swimming pools
- Other Location
Any place that does not fit any of the above categories (this should be very rare)
- Unknown
This value may be used only if the Incident Disposition was "Cancelled."

Data Element # 39: **Prior Aid**

Multiple Entry: Yes, 10

Description & General Notes: Any care which was provided to the patient at the scene prior to the arrival of the EMS unit.

This does NOT apply to care given to a patient being transferred from an emergency department or urgent care facility to another emergency department or urgent care facility.

Allowed Values:

- Any value from Medications (Data Element #65) and/or Procedures (Data Element #67)
 - Prior Aid was not provided
 - Unknown if Prior Aid was provided
-

Data Element # 40: **Prior Aid Performed By**

Multiple Entry: Yes, 10

Description & General Notes: The type of individual who performed the care prior to the arrival of this unit

Allowed Values:

- | | |
|-------------------|-----------------------------|
| • EMS Provider | • Other Healthcare Provider |
| • Law Enforcement | • Patient |
| • Lay Person | • Unknown |
-

Data Element # 41: **Outcome of the Prior Aid**

Multiple Entry: Yes, 10

Description & General Notes: The outcome or result of the care performed prior to the arrival of the unit.

Example: If bystander CPR was done and the patient had a pulse on your arrival, the condition improved. If CPR was still required, the condition was unchanged.

Example: If a chest pain patient took nitroglycerine and aspirin prior to EMS arrival but their pain increased, the condition was worse.

Allowed Values:

- | | |
|-------------|-----------|
| • Improved | • Worse |
| • Unchanged | • Unknown |

Data Element # 42: **Injury Present**

Multiple Entry: No

Description & General Notes: Indication whether or not there was an injury. This is an EMS Reason for Encounter data element (see Appendix A).

Allowed Values:

- No
- Yes

Data Element # 43: **Complaint Anatomic Location**

Multiple Entry: No

Description & General Notes: The primary anatomic location of the chief complaint as identified by EMS personnel. This is an EMS Reason for Encounter data element (see Appendix A).

Allowed Values:

- | | |
|-------------------|-----------------------------|
| • Abdomen | • General/Global/Whole Body |
| • Back | • Genitalia |
| • Chest | • Head |
| • Extremity-Lower | • Neck |
| • Extremity-Upper | |

Data Element # 44: **Complaint Organ System**

Multiple Entry: No

Description & General Notes: The primary organ system of the patient affected by the current illness or injury. This is an EMS Reason for Encounter data element (see Appendix A).

Allowed Values:

- | | |
|--|---|
| • <u>Cardiovascular</u>
Heart, arteries, veins | • <u>Musculoskeletal</u>
Muscles, bones, joints, tendons, ligaments, cartilage |
| • <u>CNS/Neurologic</u>
Brain, spinal cord, nerves | • <u>Obstetric/Gynecologic</u>
Female reproductive system |
| • <u>Endocrine/Metabolic</u>
Diabetes, thyroid, liver, male reproductive system | • <u>Psychiatric</u>
Mental, emotional, behavioral |
| • <u>Gastrointestinal</u>
Mouth, esophagus, stomach, intestines | • <u>Pulmonary</u>
Lungs, trachea, airway |
| • <u>Global/Whole Body</u> | • <u>Renal</u>
Kidneys |
| | • <u>Skin</u> |

Data Element # 45: **Primary Symptom**

Multiple Entry: No

Description & General Notes: The primary sign or symptom related by the patient or observed by EMS personnel. This is an EMS Reason for Encounter data element (see Appendix A).

Allowed Values:

- | | |
|--|----------------------|
| • Bleeding | • Mass/Lesion |
| • Breathing Problem | • Mental/Psychiatric |
| • Change in Responsiveness | • Nausea/Vomiting |
| • Choking | • None |
| • Death | • Pain |
| • Device/Equipment Problem | • Palpitations |
| • Diarrhea | • Rash/Itching |
| • Drainage/Discharge | • Swelling |
| • Fever | • Weakness |
| • Malaise (General, non-specific feeling of illness) | • Wound |

Data Element # 46: **Other Associated Symptoms**

Multiple Entry: Yes, 5

Description & General Notes: Other signs or symptoms related by the patient or observed by EMS personnel.

This element will be used to enhance the accuracy of the EMS Reason for Encounter elements (see Appendix A).

Allowed Values:

- | | |
|--|----------------------|
| • Bleeding | • Mental/Psychiatric |
| • Breathing Problem | • Nausea/Vomiting |
| • Change in Responsiveness | • None |
| • Choking | • Pain |
| • Death | • Palpitations |
| • Device/Equipment Problem | • Rash/Itching |
| • Diarrhea | • Swelling |
| • Drainage/Discharge | • Transport Only |
| • Fever | • Weakness |
| • Malaise (General, non-specific feeling of illness) | • Wound |
| • Mass/Lesion | |

Data Element # 47: **Provider's Primary Impression**

Multiple Entry: No

Description & General Notes: The EMS personnel's impression of the primary problem or most significant condition which lead to the treatment given to the patient.

Allowed Values:

- | | | |
|-------------------------------------|---------------------------------|---------------------------|
| • Abdominal pain / problems | • Diabetic symptoms | • Respiratory distress |
| • Airway obstruction | • Electrocutation | • Seizure |
| • Allergic reaction | • Hyperthermia | • Sexual assault / rape |
| • Altered level of consciousness | • Hypothermia | • Smoke inhalation |
| • Behavioral / psychiatric disorder | • Hypovolemia / shock | • Stings / venomous bites |
| • Cardiac arrest | • Inhalation injury (toxic gas) | • Stroke / CVA |
| • Cardiac rhythm disturbance | • Obvious death | • Syncope / fainting |
| • Chest pain / discomfort | • Poisoning / drug ingestion | • Traumatic injury |
| | • Pregnancy / OB delivery | • Vaginal hemorrhage |
| | • Respiratory arrest | |
-

Data Element # 48: **Provider's Secondary Impression**

Multiple Entry: No

Description & General Notes: The EMS personnel's impression of the patient's secondary problem or condition which lead to the treatment given to the patient.

Allowed Values:

- | | | |
|-------------------------------------|---------------------------------|---------------------------|
| • Abdominal pain / problems | • Diabetic symptoms | • Respiratory distress |
| • Airway obstruction | • Electrocutation | • Seizure |
| • Allergic reaction | • Hyperthermia | • Sexual assault / rape |
| • Altered level of consciousness | • Hypothermia | • Smoke inhalation |
| • Behavioral / psychiatric disorder | • Hypovolemia / shock | • Stings / venomous bites |
| • Cardiac arrest | • Inhalation injury (toxic gas) | • Stroke / CVA |
| • Cardiac rhythm disturbance | • Obvious death | • Syncope / fainting |
| • Chest pain / discomfort | • Poisoning / drug ingestion | • Traumatic injury |
| | • Pregnancy / OB delivery | • Vaginal hemorrhage |
| | • Respiratory arrest | |

Data Element # 49: **Cause of Injury**

Multiple Entry: No

Description & General Notes: The general category of the reported or suspected cause of the injury.

Allowed Values:

- | | |
|--|---------------------------------|
| • Motor vehicle traffic crash | • Bites |
| • Pedestrian traffic accident | • Lightning |
| • Motor vehicle non-traffic crash (off-road motor vehicle) | • Drowning |
| • Bicycle accident | • Mechanical suffocation |
| • Water transport accident | • Machinery accident |
| • Aircraft related accident | • Electrocution (non-lightning) |
| • Drug poisoning | • Radiation exposure |
| • Chemical poisoning | • Firearm, unintentional |
| • Fall | • Firearm, assault |
| • Fire and flames | • Firearm, self-inflicted |
| • Smoke inhalation | • Rape |
| • Excessive heat | • Stabbing |
| • Excessive cold | • Child battering |
| • Venomous stings (plants, animals) | |

Data Element # 50: **Injury Type**

Multiple Entry: No

Description & General Notes: The type of injury suffered by this patient.

Allowed Values:

- | | |
|---------------|---------|
| • Blunt | • Burns |
| • Penetrating | • Other |

Data Element # 51: **Protective Devices Used**

Multiple Entry: Yes, 4

Description & General Notes: Safety equipment in use by the patient at the time of the injury.

Allowed Values:

- Child Restraint
 - Eye Protection
 - Helmet
 - Lap Belt
 - None
 - Other
 - Personal Floatation Device
 - Protective Clothing
 - Protective Non-Clothing Gear
 - Shoulder Belt
 - Not Known
-

Data Element # 52: **Airbag Deployment**

Multiple Entry: Yes, 3

Description & General Notes: Safety equipment in use by the patient at the time of the injury.

Use 'No Airbag Deployed' if the airbag(s) on the patient's side did not deploy, even if others did.

Allowed Values:

- No Airbag Present
- No Airbag Deployed
- Airbag Deployed Front
- Airbag Deployed Side
- Airbag Deployed Other (knee, air belt, etc.)
- Not Known

Data Element # 53: **Cardiac Arrest**

Multiple Entry: No

Description & General Notes: Indication of the occurrence of cardiac arrest at any time.

Allowed Values:

- Yes, Prior to EMS Arrival
 - Yes, After EMS Arrival
 - No
-

Data Element # 54: **Cause of Cardiac Arrest**

Multiple Entry: No

Description & General Notes: Indication of the cause of the cardiac arrest.

Allowed Values:

- | | |
|--------------------|-------------------|
| • Presumed Cardiac | • Respiratory |
| • Trauma | • Electrocutation |
| • Drowning | • Other |
-

Data Element # 55: **Resuscitation Attempted**

Multiple Entry: Yes, 3

Description & General Notes: Indication of measures used to attempt to resuscitate the patient who is or was in cardiac arrest.

Allowed Values:

- | | |
|--------------------------------|---|
| • Attempted Defibrillation | • Not Attempted-Considered Futile / DOA |
| • Attempted Ventilation | • Not Attempted-DNR Orders |
| • Initiated Chest Compressions | • Not Attempted-Signs of Circulation |

Data Element # 56: **Barriers to Patient Care**

Multiple Entry: Yes, 4

Description & General Notes: Indication of whether or not there were any patient-specific barriers to caring for the patient.

Allowed Values:

- Developmentally Impaired
- Hearing Impaired
- Language
- None
- Physically Impaired
- Physically Restrained
- Speech Impaired
- Unattended or Unsupervised (including minors)
- Unconscious

Data Element # 57: **Alcohol/Drug Use Indicators**

Multiple Entry: Yes, 4

Description & General Notes: Indicators of the potential use of alcohol or drugs by the patient.

Allowed Values:

- Smell of Alcohol on Breath
- Patient Admits to Alcohol Use
- Patient Admits to Drug Use
- Alcohol and/or Drug Paraphernalia at Scene
- No indicators of alcohol/drug use
- Unknown

Data Element # 58: **Initial Systolic Blood Pressure**

Multiple Entry: No

Description & General Notes: The initial or first systolic blood pressure measured by EMS.

Allowed Values:

Any positive number less than 300

Data Element # 59: **Initial Diastolic Blood Pressure**

Multiple Entry: No

Description & General Notes: The initial or first diastolic blood pressure measured by EMS.

Allowed Values:

Any positive number less than 200

Data Element # 60: **Initial Pulse Rate**

Multiple Entry: No

Description & General Notes: The initial or first pulse rate measured by EMS.

Allowed Values:

Any positive number less than 300

Data Element # 61: **Initial Respiratory Rate**

Multiple Entry: No

Description & General Notes: The initial or first unassisted respiratory rate measured by EMS. Do NOT enter assisted ventilations (i.e. BVM, ventilator, etc.). If the patient is not breathing on their own, enter 0.

Allowed Values:

Any positive number less than 100

Data Element # 62: **Initial Glasgow Coma Score – Eye Opening**

Multiple Entry: No

Description & General Notes: The first Glasgow Coma Score – Eye Opening component measured by EMS.

Allowed Values:

All ages

- None
- To pain
- To voice
- Spontaneous

Data Element # 63: **Initial Glasgow Coma Score – Verbal Response**

Multiple Entry: No

Description & General Notes: The first Glasgow Coma Score – Verbal Response component measured by EMS.

Allowed Values:

Adult

- None
- Incomprehensible sounds
- Inappropriate words
- Confused
- Oriented

Child 1-5 years old

- No response
- Incomprehensible sounds (agitated, inconsolable)
- Inappropriate cries (inconsistently consolable, moaning)
- Confused (cries but is consolable, inappropriate interaction)
- Oriented (smiles, oriented to sounds, follows objects, interacts)

Infant <1 years old

- No response
- Moans to pain
- Cries to pain
- Irritable cries
- Coos, babbles

Data Element # 64: **Initial Glasgow Coma Score – Motor Response**

Multiple Entry: No

Description & General Notes: The first Glasgow Coma Score – Motor Response component measured by EMS.

Allowed Values:

Adult >5 years old

- None
- Extensor posturing in response to painful stimulation
- Flexor posturing in response to painful stimulation
- Withdraws from painful stimulation
- Localizes painful stimulation
- Obeys commands

Infant-5 years old

- None
- Abnormal extension
- Abnormal flexion
- Withdraws from pain
- Localizes pain
- Normal spontaneous movement

Data Element # 65: Medication Given

Multiple Entry: Yes, 25

Description & General Notes: Medications given to the patient. List each administration event separately. For example, if epinephrine is given 3 times there should be 3 entries. A list of some brand names associated with the generic names here can be found in Appendix D.

NOTE: Oxygen is a medication, not an intervention / procedure, and should be listed here only.

Allowed Values:

- | | | |
|----------------------|---------------------------|---|
| • Activated Charcoal | • Ipecac | • Rocuronium |
| • Acetaminophen | • Ipratropium | • Sodium Bicarbonate |
| • Adenosine | • Isoetharine | • Sodium Nitrite |
| • Albuterol | • Isoproterenol | • Sodium Nitroprusside |
| • Aminophylline | • Ketoralac | • Sodium Thiosulfate |
| • Amiodarone | • Lactated Ringer's | • Streptokinase |
| • Amyl Nitrate | • Levalbuterol | • Succinylcholine |
| • Anistreplase | • Lidocaine | • Tenecteplase |
| • Aspirin | • Lorazepam | • Terbutaline |
| • Atropine | • Magnesium Sulfate | • Tetracaine |
| • Bretylium Tosylate | • Mannitol | • Thiamine (Vitamin B1) |
| • Calcium Chloride | • Meperidine | • Tissue Plasminogen Activator (TPA) |
| • Calcium Gluconate | • Metaproterenol | • Total Parenteral Nutrition (TPN) |
| • Chlorpromazine | • Methylprednisolone | • Vasopressin |
| • Dexamethasone | • Midazolam | • Vecuronium |
| • Dextran | • Morphine | • Verapamil |
| • Dextrose | • Nalbuphine | • 5% Dextrose in Water (D5W) |
| • Diazepam | • Naloxone | • 10% Dextrose in Water (D10W) |
| • Digoxin | • Nitroglycerin | • 0.9% Sodium Chloride (normal saline) |
| • Diltiazem | • Nitrous Oxide | • 0.45% Sodium Chloride (half-normal saline) |
| • Dimenhydrinate | • No medications given | • 5% Dextrose in 0.9% Sodium Chloride (D5NS) |
| • Diphenhydramine | • Norepinephrine | • 5% Dextrose in 0.45 Sodium Chloride (D51/2NS) |
| • Dobutamine | • Oxygen | • 5% Dextrose in Lactated Ringer's (D5LR) |
| • Dopamine | • Oxytocin | |
| • Epinephrine | • Pancuronium | |
| • Etomidate | • Phenytoin | |
| • Fentanyl | • Physostigmine | |
| • Flumazenil | • Plasma Protein Fraction | |
| • Furosemide | • Potassium Chloride | |
| • Glucagon | • Pralidoxime, 2-PAM | |
| • Glucose | • Procainamide | |
| • Haloperidol | • Promethazine | |
| • Heparin | • Proparacaine | |
| • Hetastarch | • Propranolol | |
| • Hydralazine | • Racemic Epinephrine | |
| • Hydrocortisone | • Rapacuronium | |
| • Insulin | • Retaplast | |

Data Element # 66: **Medication Complication**

Multiple Entry: Yes, 25

Description & General Notes: Any complication (abnormal effect on the patient) associated with the administration of the medication to the patient by EMS.

Allowed Values:

- Altered Mental Status
- Apnea
- Bleeding
- Bradycardia
- Diarrhea
- Extravasation / Infiltration
- Hypertension
- Hyperthermia
- Hypotension
- Hypoxia
- Injury
- Itching / Urticaria
- Nausea
- No medication complication
- Other
- Respiratory Distress
- Tachycardia
- Vomiting

Data Element # 67: Intervention / Procedure

Multiple Entry: Yes, 25

Description & General Notes: Procedures performed on the patient.

NOTE: Oxygen is a medication given, not an intervention. *OXYGEN DOES NOT BELONG HERE.*

NOTE: Vital signs are an assessment tool, not an intervention. *VITALS DO NOT BELONG HERE.*

Allowed Values:

- 12-Lead ECG
- Airway-Bagged
- Airway-Change Tracheostomy Tube
- Airway-Cleared, Opened, or Heimlich
- Airway-Combitube
- Airway-CPAP/Bi-Pap
- Airway-EOA/EGTA
- Airway-Intubation Confirm CO2
- Airway-Intubation Confirm Esophageal bulb
- Airway-Laryngeal Mask
- Airway-Nasal
- Airway-Nasotracheal Intubation
- Airway-Nebulizer Treatment
- Airway-Needle Cricothyrotomy
- Airway-Oral
- Airway-Orotracheal Intubation
- Airway-PEEP
- Airway-Rapid Sequence Induction
- Airway-Respirator Operation
- Airway-Suctioning
- Airway-Surgical Cricothyrotomy
- Airway-Ventilator
- Arterial Access/Blood Draw
- Arterial Line Maintenance
- Blood Glucose Analysis
- Capnography
- Cardiac Monitor (3-Lead ECG)
- Cardioversion
- Carotid Massage
- Chest Decompression
- Childbirth
- CNS Catheter-Epidural Maintenance
- CNS Catheter-Intraventricular Maintenance
- CPR
- Defibrillator - Placement for Monitoring/Analysis
- Defibrillation-Automated (AED)
- Defibrillation-Manual
- External Cardiac Pacing
- Extrication
- MAST
- Nasogastric Tube
- No interventions or procedures
- Rescue
- Restraints-Pharmacological
- Restraints-Physical
- Spinal Immobilization
- Splinting
- Splinting-Traction
- Urinary Catheterization
- Venous Access-Blood Draw
- Venous Access-Existing Catheter
- Venous Access-External Jugular Line
- Venous Access-Extremity
- Venous Access-Femoral Line
- Venous Access-Intraosseous Adult
- Venous Access-Intraosseous Pediatric
- Venous Access-Maintain Central Line
- Venous Access-Swan Ganz Maintain
- Wound Care

Data Element # 68: Date/Time Intervention / Procedure Performed Successfully

Multiple Entry: Yes, 25

Description & General Notes: The date/time that the procedure was successfully performed.

Allowed Values:

Any valid date/time after 'Arrival at Patient'

Data Element # 69: Number of Intervention / Procedure Attempts

Multiple Entry: Yes, 25

Description & General Notes: The total number of attempts taken to complete a procedure regardless of success.

Allowed Values:

Any valid number

Data Element # 70: Intervention / Procedure Successful

Multiple Entry: Yes, 25

Description & General Notes: Indication as to whether or not the procedure performed on the patient was successful.

Allowed Values:

- No
- Yes

Data Element # 71: **Intervention / Procedure Complication**

Multiple Entry: Yes, 25

Description & General Notes: Any complication (abnormal effect on the patient) associated with the performance of the procedure on the patient.

Allowed Values:

- | | |
|--|---------------------------------|
| • Altered Mental Status | • Hypotension |
| • Apnea | • Hypoxia |
| • Bleeding | • Injury |
| • Bradycardia / Slow heart rate | • Itching / Urticaria |
| • Diarrhea | • Nausea |
| • Esophageal Intubation-immediately detected | • No complications |
| • Esophageal Intubation-other | • Other |
| • Extravasation / Infiltration | • Respiratory Distress |
| • Hypertension | • Tachycardia / Fast heart rate |
| • Hyperthermia | • Vomiting |

Data Element # 72: **Advanced Directives**

Multiple Entry: Yes, 2

Description & General Notes: Indication of whether or not Advanced Directives were followed.

Allowed Values:

- State/EMS DNR Form
Includes DNR Comfort Care and DNR Comfort Care - Arrest
- Other Healthcare DNR Form
- Living Will
- Family/Guardian request DNR (but no documentation)
- Other
- None

Data Element # 73: **Destination**

Multiple Entry: No

Description & General Notes: The Ohio Department of Health (ODH) Hospital Code of the hospital to which the patient was transferred.

Allowed Values:

Any valid ODH Hospital Code (see Appendix C)

Data Element # 74: **Incident / Patient Disposition**

Multiple Entry: No

Description & General Notes: Type of disposition, treatment and/or transport of the patient.

Allowed Values:

- Cancelled
The EMS incident was stopped before the patient was assessed.
- Dead at Scene
Either dead on arrival, or dead after arrival with field resuscitation not successful and not transported.
- No Patient Found
EMS was unable to find a patient at the scene.
- No Treatment Required
The patient was not found to have a treatable illness/injury.
- Patient Refused Care
The patient refused to be cared for by EMS, even if they appear to need care.
- Treated and Released
The patient was treated by EMS but did not require transport to the hospital.
- Treated, Transferred Care
The patient was treated but care was transferred to another EMS air or ground unit.
- Treated, Transported by EMS
The patient was treated and transported by the reporting EMS unit
- Treated, Transported by Law Enforcement
The patient was treated by EMS and transported by a law enforcement unit.
- Treated, Transported by Private Vehicle
The patient was treated by EMS and was transported in a private vehicle.

Data Element # 75: **Transport Mode from the Scene**

Multiple Entry: No

Description & General Notes: Indication whether or not lights and/or sirens were used on the vehicle en route to the destination.

Allowed Values:

- Initial Lights and Sirens, Downgraded to No Lights or Sirens
Use this value if the transport to the hospital started with lights and sirens but the lights and sirens were stopped before arriving at the hospital
 - Initial No Lights or Sirens, Upgraded to Lights and Sirens
Use this value if the transport to the hospital did not start with lights and sirens but the lights and sirens were turned on before arriving at the hospital
 - Lights and Sirens
Use this value if lights and sirens were used the whole way to the hospital
 - No Lights or Sirens
Use this value if lights and sirens were not used at all on the way to the hospital
-

Data Element # 76: **Reason for Choosing Destination**

Multiple Entry: No

Description & General Notes: The reason the unit chose to deliver or transfer the patient to the destination.

Allowed Values:

- Closest Facility
- Diversion
- Family Choice
- Insurance Status
- Law Enforcement Choice
- On-Line Medical Direction
- Other
- Patient Choice
- Patient's Physician's Choice
- Protocol
- Specialty Resource Center
Use this value if the patient was taken to the facility specifically because of special resources or services available there, such as trauma, burns, or pediatric care

Data Element # 77: **Trauma Triage Criteria**

Multiple Entry: Yes, 5

Description & General Notes: The reason the unit chose to deliver or transfer an injured patient to the destination. According to the Laws and Rules of the State of Ohio, for purposes of trauma triage, pediatric trauma patients are under the age of 16, and adult trauma patients are age 16 years and older.

Allowed Values:

- 2nd or 3rd degree burns greater than 10% Total Body Surface Area or other significant burns involving the face, feet, hands, genitalia or airway.
- Amputation proximal to wrist and/or ankle
- Deteriorating Level of Consciousness
- Evidence of poor perfusion (Pediatrics only)
- Evidence of respiratory distress or failure (Pediatrics only)
- Failure to Localize to Pain / Glasgow Coma Score Motor component of 4 or less
- Glasgow Coma Score less than or equal to 13
- Injuries to head, neck, or torso with visible crush injury
- Injuries to the extremities with evidence of neurovascular compromise
- Injuries to the extremities with visible crush injury
- Injuries to the torso with evidence of pelvic fracture, except isolated hip fracture
- Injuries to the torso with flail chest
- Injuries to torso with abdominal tenderness, distention or “seatbelt sign”
- Loss of Consciousness for 5 minutes or more
- Mechanism of Injury
- Patient did not meet any trauma triage criteria
- Patient requires intubation (Adults only)
- Penetrating trauma to head, neck, or torso
- Pulse rate greater than 120 with signs of hemorrhagic shock (Adults only)
- Relief of tension pneumothorax (Adults only)
- Respiration less than 10 or greater than 29 (Adults only)
- Significant penetrating trauma to the extremities proximal to knee or elbow with evidence of neurovascular compromise
- Signs or symptoms of spinal cord injury
- Special Considerations
- Systolic B/P less than 90, or absent radial pulse with carotid pulse present (Adults only)
- Two or more proximal long bone (humerus or femur) fractures

Data Element # 78: **Type of Destination**

Multiple Entry: No

Description & General Notes: The type of destination the patient was delivered or transferred to.

Allowed Values:

- Hospital ED, OR, or L & D
The emergency department, operating room, or labor and delivery suite of an inpatient, acute care hospital, an inpatient psychiatric facility, urgent care center, or free-standing ED
 - Other EMS Responder (air)
 - Other EMS Responder (ground)
 - Other
Any other type of destination not listed above
-

Data Element # 79: **Emergency Department Disposition**

Multiple Entry: No

Description & General Notes: If known, the disposition of the patient from the Emergency Department.

Allowed Values:

- | | |
|--|-----------------------------------|
| • Admitted to Hospital Floor | • Released |
| • Admitted to Hospital ICU | • Transferred to another hospital |
| • Death | • Unknown / Not Available |
| • Not Applicable (Not Transported to ED) | |
-

Data Element # 80: **Hospital Disposition**

Multiple Entry: No

Description & General Notes: If known, the disposition of the patient from the hospital, if admitted.

Allowed Values:

- | | |
|----------------------------|---------------------------------------|
| • Death | • Transfer to Other |
| • Discharged | • Transfer to Rehabilitation Facility |
| • Transfer to Hospital | • Unknown / Not Available |
| • Transfer to Nursing Home | |

Appendix A

EMS Reason For Encounter (RFE)

For many years, EMS data has been collected to help assess the quality and effectiveness of patient care, evaluate EMS system performance, and perform medical research. But there has always been a weak point in a critical area of data collection: Determining *why* EMS was called for a particular patient.

As with most EMS data systems, the original EMSIRS data set had only one element that could be used to determine the reason EMS was called. The 'Provider Assessment' element allowed for EMS personnel to give their impression of what was wrong with the patient, but many of the choices were vague (general musculoskeletal pain), diagnostic (ectopic pregnancy), or covered a broad range of causes (respiratory distress). These limitations make quality management, outcomes research, disease surveillance, and reimbursement all but impossible, not just in Ohio but nationwide.

A study was commissioned by the federal government to find a better way to classify and categorize EMS patients and the reason that EMS was called. The result of this study was the EMS Reason For Encounter (RFE).

The RFE is determined not by a single data element, but by a series of four elements: Presence of Injury, Primary Symptom, Anatomic Location of Complaint, and Organ System Affected.

The RFE elements were designed to conform to the national EMS curriculum for all levels of EMTs so that they could be easily and accurately answered by any EMT. They are descriptive, not diagnostic. The results are reproducible and provide a uniform description of the reason for the call for EMS assistance.

Here is an example of the problem with the old 'Provider Assessment' element that can be overcome by using RFE. Your agency is called for a patient who fell and the patient is listed as having a provider assessment of respiratory distress. From this it is not possible to tell if the reason was asthma, COPD, pneumonia, pneumothorax (spontaneous or traumatic), airway obstruction, heart failure, or any of the other reasons for being short of breath, nor can you tell if the fall had anything to do with it. With RFE, the same patient – who wound up having a traumatic pneumothorax – would be listed as Injury is 'Present,' Primary Symptom is 'Breathing Problem,' Anatomic Location of Complaint is 'Chest,' and Organ System Affected is 'Pulmonary.' This narrows the possible causes of the respiratory distress without having the EMT try to make a diagnosis. Anybody who reviews the incident afterwards – EMS agency chiefs, medical directors, researchers – will be given a better ability to categorize this patient so they can more effectively assess patient care, evaluate the EMS system, and perform more accurate research.

Appendix B

Optional Fields

For users of Web-based Data Entry only

- Patient Name (Free-text field)
- Patient Address (Free-text field)
- County of Residence (Same as Data Element #10 with “Non-Ohio” included)
- City of Residence (Same as Data Element #8 with “Non-Ohio” included)
- Signs/Symptoms Onset Date (Date Field)
- Signs/Symptoms Onset Time (Time Field)
- Time CPR Discontinued (Time Field)
- Initial Cardiac Rhythm
 - Sinus Rhythm
 - Bradycardia
 - Tachycardia, Wide Complex
 - Tachycardia, Narrow Complex
 - Atrial Fibrillation
 - Heart Block, 1st Degree
 - Heart Block, 2nd Degree, Type 1
 - Heart Block, 2nd Degree, Type 2
 - Heart Block, 3rd Degree
 - Paced Rhythm
 - Ventricular Fibrillation
 - Pulseless Electrical Activity
 - Other
- Cardiac Rhythm at Destination
 - Sinus Rhythm
 - Bradycardia
 - Tachycardia, Wide Complex
 - Tachycardia, Narrow Complex
 - Atrial Fibrillation
 - Heart Block, 1st Degree
 - Heart Block, 2nd Degree, Type 1
 - Heart Block, 2nd Degree, Type 2
 - Heart Block, 3rd Degree
 - Paced Rhythm
 - Ventricular Fibrillation
 - Pulseless Electrical Activity
 - Other
- Diagnostic EKG Interpretation
 - Ischemia
 - Injury
 - Infarction
 - Other
- Time Vital Signs Taken (Time Field)
- Additional Sets of Vital Signs (Same as Data Elements 58-64)
- Pulse Rhythm
 - Regular
 - Irregular

- Pulse Quality
 - Normal
 - Weak
 - Strong
- Respiratory Effort
 - Normal
 - Labored
 - Weak
- Lung Sounds
 - Rales
 - Rhonchi
 - Wheezes
 - Diminished
- Capillary Refill
 - Normal
 - Slow
- Skin Temperature
 - Normal
 - Cool
 - Cold
 - Hot
- Skin Condition
 - Dry
 - Moist
- Skin Color
 - Normal
 - Pale
 - Cyanotic
 - Ashen
 - Flushed
 - Jaundiced
- Pupil Size
 - Normal
 - Constricted
 - Dilated
- Pupil Reaction
 - Reactive
 - Sluggish
 - Fixed
- Patient Medications (Free-text field)
- Patient Allergies (Free-text field)
- Crew Member Name (Free-text field)
- Crew Member Number (Free-text field)
- Other Units On Scene
 - Other EMS Agency
 - Non-EMS Fire Department
 - Law Enforcement

Appendix C
Hospital Codes (arranged by county)

Code	Hospital	City	County
6000	Urgent Care Center or Free-Standing ED (any)	All Cities	
7777	Out-of-state hospital (any)	All Cities	
1100	Adams County Hospital	West Union	Adams
1101	Blanchard Valley Regional Health Ctr. – Bluffton	Bluffton	Allen
1102	Lima Memorial Hospital	Lima	Allen
1103	St. Rita's Medical Center	Lima	Allen
1104	Samaritan Hospital	Ashland	Ashland
1106	Ashtabula County Medical Center	Ashtabula	Ashtabula
1107	UHHS – Brown Memorial Hospital	Conneaut	Ashtabula
1108	UHHS – Memorial Hospital Geneva	Geneva	Ashtabula
1110	Doctors Hospital Of Nelsonville	Nelsonville	Athens
1109	O'Bleness Memorial Hospital	Athens	Athens
1111	Joint Township District Memorial Hospital	St. Mary's	Auglaize
1112	Barnesville Hospital	Barnesville	Belmont
1113	Belmont Community Hospital	Bellaire	Belmont
1114	East Ohio Regional Hospital	Martins Ferry	Belmont
1115	Brown County General Hospital	Georgetown	Brown
1117	The Fort Hamilton Hospital	Hamilton	Butler
1119	McCullough-Hyde Memorial Hospital	Oxford	Butler
1033	Mercy Hospital Of Fairfield	Fairfield	Butler
1116	Middletown Regional Hospital	Middletown	Butler
1121	Mercy Memorial Hospital	Urbana	Champaign
1122	Community Hospital of Springfield	Springfield	Clark
1123	Mercy Medical Center of Springfield	Springfield	Clark
1028	Clermont Mercy Hospital	Batavia	Clermont
1124	Clinton Memorial Hospital	Wilmington	Clinton
1127	East Liverpool City Hospital	East Liverpool	Columbiana
1125	Salem Community Hospital	Salem	Columbiana
1129	Coshocton County Memorial Hospital	Coshocton	Coshocton
1130	Bucyrus Community Hospital	Bucyrus	Crawford
1132	Galion Community Hospital	Galion	Crawford
1131	MedCentral – Crestline	Crestline	Crawford
1151	Cleveland Clinic	Cleveland	Cuyahoga
1152	Deaconess Hospital	Cleveland	Cuyahoga
1133	Euclid Hospital	Euclid	Cuyahoga
1145	Fairview Hospital	Cleveland	Cuyahoga
1147	Grace Hospital	Cleveland	Cuyahoga
1019	Hillcrest Hospital	Mayfield Heights	Cuyahoga
1134	Lakewood Hospital	Lakewood	Cuyahoga
1149	Lutheran Hospital	Cleveland	Cuyahoga
1136	Marymount Hospital	Garfield Heights	Cuyahoga
1148	Meridia Huron Hospital	Cleveland	Cuyahoga
1297	Meridia South Pointe Hospital	Warrensville	Cuyahoga
1150	MetroHealth Medical Center	Cleveland	Cuyahoga

Code	Hospital	City	County
1007	Parma Community General	Parma	Cuyahoga
1008	UHHS – Richmond Heights Hospital	Richmond Heights	Cuyahoga
1140	Southwest General Health Center	Middleburg Hts.	Cuyahoga
1034	St. John West Shore Hospital	Westlake	Cuyahoga
1158	St. Michael Hospital	Cleveland	Cuyahoga
1155	St. Vincent Charity	Cleveland	Cuyahoga
1141	UHHS Bedford Medical Center	Bedford	Cuyahoga
1142	UHHS Rainbow Babies and Childrens Hospital	Cleveland	Cuyahoga
1700	VA Medical Center – Brecksville	Brecksville	Cuyahoga
1701	VA Medical Center – Cleveland	Cleveland	Cuyahoga
1159	Wayne Hospital	Greenville	Darke
1161	Community Memorial Hospital	Hicksville	Defiance
1160	Defiance Hospital	Defiance	Defiance
1163	Grady Memorial Hospital	Delaware	Delaware
1164	Firelands Community Hospital	Sandusky	Erie
1165	Providence Hospital	Sandusky	Erie
1167	Fairfield Medical Center	Lancaster	Fairfield
1168	Fayette County Memorial Hospital	Washington CH	Fayette
1169	Children's Hospital	Columbus	Franklin
1015	Doctors Hospital – West	Columbus	Franklin
1173	Grant Medical Center	Columbus	Franklin
1027	Mount Carmel East	Columbus	Franklin
1175	Mount Carmel West	Columbus	Franklin
1606	Mt Carmel St. Ann's Hospital	Westerville	Franklin
1171	Ohio State University Medical Center	Columbus	Franklin
1170	Ohio State University Medical Center – East	Columbus	Franklin
1005	Riverside Methodist Hospital	Columbus	Franklin
1177	Fulton County Health Center	Wauseon	Fulton
1021	Holzer Medical Center	Gallipolis	Gallia
1001	UHHS-Geauga Regional Hospital	Chardon	Geauga
1180	Greene Memorial Hospital	Xenia	Greene
1181	Southeastern Ohio Regional Medical Center	Cambridge	Guernsey
1024	Bethesda North Hospital	Cincinnati	Hamilton
1186	Cincinnati Children's Hospital Medical Center	Cincinnati	Hamilton
1190	Deaconess Hospital	Cincinnati	Hamilton
1026	Mercy Franciscan Hospital – Mt. Airy	Cincinnati	Hamilton
1183	Mercy Franciscan Hospital – Western Hills	Cincinnati	Hamilton
1003	Jewish Hospital of Kenwood	Cincinnati	Hamilton
1193	Mercy Hospital – Anderson	Cincinnati	Hamilton
1808	Shriners Hospital for Children	Cincinnati	Hamilton
1187	The Christ Hospital	Cincinnati	Hamilton
1189	The University Hospital	Cincinnati	Hamilton
1191	Good Samaritan Hospital	Cincinnati	Hamilton
1704	VA Medical Center – Cincinnati	Cincinnati	Hamilton
1194	Blanchard Valley Regional Health Center	Findlay	Hancock
1196	Hardin Memorial Hospital	Kenton	Hardin

Code	Hospital	City	County
1022	Harrison Community Hospital	Cadiz	Harrison
1198	Henry County Hospital	Napoleon	Henry
1200	Greenfield Area Medical Center	Greenfield	Highland
1199	Highland District Hospital	Hillsboro	Highland
1201	Hocking Valley Community Hospital	Logan	Hocking
1202	Pomerene Memorial Hospital	Millersburg	Holmes
1204	Fisher-Titus Medical Center	Norwalk	Huron
1205	Mercy Hospital of Willard	Willard	Huron
1438	Holzer Medical Center – Jackson	Jackson	Jackson
1206	Oak Hill Community Hospital	Oak Hill	Jackson
1208	Trinity Medical Center – East	Steubenville	Jefferson
1004	Trinity Medical Center – West	Steubenville	Jefferson
1030	Knox Community Hospital	Mount Vernon	Knox
1211	Lake East Hospital	Painesville	Lake
1006	Lake West Hospital	Willoughby	Lake
1213	Licking Memorial Hospital	Newark	Licking
1214	Mary Rutan Hospital	Bellefontaine	Logan
1219	Allen Memorial Hospital	Oberlin	Lorain
1215	EMH/Amherst Hospital	Amherst	Lorain
1218	Community Health Partners	Lorain	Lorain
1217	EMH Regional Medical Center	Elyria	Lorain
1178	Bay Park Community Hospital	Oregon	Lucas
1227	Flower Hospital	Sylvania	Lucas
1228	Medical College Hospitals	Toledo	Lucas
1444	St. Anne Mercy Hospital	Toledo	Lucas
1223	St. Charles Mercy Hospital	Oregon	Lucas
1224	St. Luke's Hospital	Maumee	Lucas
1225	St. Vincent Mercy Hospital	Toledo	Lucas
1226	The Toledo Hospital/Children's Hosp Of NW	Toledo	Lucas
1011	Madison County Hospital	London	Madison
1231	Northside Medical Center/Tod Children's	Youngstown	Mahoning
1230	St. Elizabeth Health Center	Youngstown	Mahoning
1233	Marion General Hospital	Marion	Marion
1234	Lodi Community Hospital	Lodi	Medina
1236	Medina General Hospital	Medina	Medina
1235	Wadsworth-Rittman Hospital	Wadsworth	Medina
1240	Mercer County Joint Twp. Community Hospital	Coldwater	Mercer
1036	Upper Valley Medical Center	Troy	Miami
1431	Dayton Heart Hospital	Dayton	Montgomery
1245	Good Samaritan Hospital	Dayton	Montgomery
1246	Grandview Hospital	Dayton	Montgomery
1017	Kettering Memorial Medical Center	Kettering	Montgomery
1247	Miami Valley Hospital	Dayton	Montgomery
1035	Southview Hospital & Family Health Center	Dayton	Montgomery
1031	Sycamore Hospital	Miamisburg	Montgomery
1411	The Children's Medical Center	Dayton	Montgomery

Code	Hospital	City	County
1705	VA Medical Center – Dayton	Dayton	Montgomery
1703	Wright Patterson Med Ctr - 74th Medical	WPAFB	Montgomery
1249	Morrow County Hospital	Mt. Gilead	Morrow
1250	Genesis Healthcare – Bethesda Hospital	Zanesville	Muskingum
1251	Genesis Healthcare – Good Samaritan Hospital	Zanesville	Muskingum
1252	H.B. Magruder Memorial Hospital	Port Clinton	Ottawa
1253	Paulding County Hospital	Paulding	Paulding
1254	Berger Hospital	Circleville	Pickaway
1299	Pike Community Hospital	Waverly	Pike
1255	Robinson Memorial Hospital	Ravenna	Portage
1259	MedCentral – Shelby Hospital	Shelby	Richland
1257	MedCentral – Mansfield	Mansfield	Richland
1029	Adena Regional Medical Center	Chillicothe	Ross
1706	VA Medical Center – Chillicothe	Chillicothe	Ross
1263	Memorial Hospital Fremont	Fremont	Sandusky
1261	The Bellevue Hospital	Bellevue	Sandusky
1264	Southern Ohio Medical Center	Portsmouth	Scioto
1195	Fostoria Community Hospital	Fostoria	Seneca
1267	Mercy Hospital Of Tiffin	Tiffin	Seneca
1268	Wilson Memorial Hospital	Sidney	Shelby
1269	Alliance Community Hospital	Alliance	Stark
1270	Aultman Hospital	Canton	Stark
1016	Doctors Hospital of Stark County	Massillon	Stark
1272	Massillon Community Hospital	Massillon	Stark
1271	Mercy Medical Center	Canton	Stark
1275	Akron City Hospital	Akron	Summit
1276	Akron General Medical Center	Akron	Summit
1279	Barberton Citizen's Hospital	Barberton	Summit
1277	Children's Hospital Medical Center Of Akron	Akron	Summit
1280	Cuyahoga Falls General Hospital	Cuyahoga Falls	Summit
1278	St Thomas Hospital	Akron	Summit
1000	St. Joseph Health Center	Warren	Trumbull
1283	Trumbull Memorial Hospital	Warren	Trumbull
1284	Twin City Hospital	Dennison	Tuscarawas
1285	Union Hospital	Dover	Tuscarawas
1286	Memorial Hospital Of Union County	Marysville	Union
1287	Van Wert County Hospital	Van Wert	Van Wert
1289	Marietta Memorial Hospital	Marietta	Washington
1288	Selby General Hospital	Marietta	Washington
1291	Dunlap Memorial Hospital	Orrville	Wayne
1292	Wooster Community Hospital	Wooster	Wayne
1294	Community Hospital of Williams Co. –	Montpelier	Williams
1293	Community Hospital of Williams Co. – Bryan	Bryan	Williams
1295	Wood County Hospital	Bowling Green	Wood
1296	Wyandot Memorial Hospital	Upper Sandusky	Wyandot

Appendix D

Common Brand Names for Medications

Below are some brand names commonly associated with the generic medication names listed in Data Element #65. This list is not intended to be all-encompassing, and lists only some of the possible brand names.

Acetaminophen: Tylenol [®]	Meperidine: Demerol [®]
Adenosine: Adenocard [®]	Metaproterenol: Alupent [®]
Albuterol: Proventil [®] , Ventolin [®]	Methylprednisolone: Solumedrol [®]
Aminophylline: Theophylline [®]	Midazolam: Versed [®]
Amiodarone: Cordarone [®]	Nalbuphine: Nubain [®]
Anistreplase: Eminase [®]	Naloxone: Narcan [®]
Bretylium Tosylate: Bretylol [®]	Nitroglycerin: Nitrostat [®] , Nitrolingual [®] , nitropaste, NitroDisc [®] , NitroDur [®]
Chlorpromazine: Thorazine [®] , Largactil [®]	Nitrous Oxide: Nitronox [®]
Dexamethasone: Decadron [®] , Hexadrol [®]	Norepinephrine: Levophed [®]
Diazepam: Valium [®] , Diastat [®]	Oxytocin: Pitocin [®]
Digoxin: Lanoxin [®]	Pancuronium: Pavulon [®]
Diltiazem: Cardizem [®]	Phenytoin: Dilantin [®]
Dimenhydrinate: Dramamine [®] , Gravol [®]	Physostigmine: Antilirium [®]
Diphenhydramine: Benadryl [®]	Pralidoxime, 2-PAM: Protopam [®]
Dobutamine: Dobutrex [®]	Procainamide: Pronestyl [®]
Dopamine: Intropin [®]	Promethazine: Phenergan [®]
Epinephrine: Adrenaline [®]	Proparacaine: Alcaine [®]
Etomidate: Amidate [®]	Propranolol: Inderal [®]
Fentanyl: Sublimaze [®]	Racemic Epinephrine: microNEFRIN [®]
Flumazenil: Anexate [®] , Romazicon [®]	Rapacuronium: Raplon [®]
Furosemide: Lasix [®]	Retaplast: Retavase [®]
Haloperidol: Haldol [®]	Rocuronium: Zemuron [®]
Hetastarch: Hespan [®]	Sodium Nitroprusside: Nipride [®] , Nitropress [®]
Hydralazine:apresoline [®]	Streptokinase: Streptase [®]
Hydrocortisone: Solucortef [®]	Succinylcholine: Anectine [®]
Ipratropium: Atrovent [®]	Tenecteplase: TNKase [®]
Isoetharine: Bronkosol [®]	Terbutaline: Brethine
Isoproterenol: Isuprel [®]	Tissue Plasminogen Activator (TPA): Activase [®] , Alterplase [®]
Ketoralac: Toradol [®]	Vecuronium: Norcuron [®]
Levalbuterol: Xopenex [®]	Verapamil: Calan [®] , Isoptin [®]
Lidocaine: Xylocaine [®]	
Lorazepam: Ativan [®]	
Mannitol: Osmitol [®]	

Appendix E

FIPS Codes (arranged by county)

Adams County	
Adams County	99001
Bratton Twp.	8350
Brush Creek Twp.	9722
Cherry Fork	13834
Franklin Twp.	28196
Green Twp.	31668
Jefferson Twp.	38486
Liberty Twp.	43036
Manchester	47012
Manchester Twp.	47026
Meigs Twp.	48888
Monroe Twp.	51268
Oliver Twp.	58366
Peebles	61420
Rome	68196
Scott Twp.	71052
Seaman	71206
Sprigg Twp.	74069
Tiffin Twp.	76768
Wayne Twp.	82012
West Union	84294
Winchester	85876
Winchester Twp.	85890
Allen County	
Allen County	99003
Amanda Twp.	1602
American Twp.	1756
Auglaize Twp.	2988
Bath Twp.	4206
Beaverdam	4752
Bluffton	7426
Cairo	10884
Delphos	21602
Elida	24808
Fort Shawnee	27944
Harrod	34118
Jackson Twp.	37646
Lafayette	41118
Lima	43554
Marion Twp.	47656
Monroe Twp.	51282
Perry Twp.	61742
Richland Twp.	66614
Shawnee Twp.	71955
Spencer Twp.	73982
Spencerville	74034
Sugar Creek Twp.	75199
Ashland County	
Ashland	2568
Ashland County	99005

Bailey Lakes	3562
Clear Creek Twp.	15672
Green Twp.	31682
Hanover Twp.	33236
Hayesville	34636
Jackson Twp.	37660
Jeromesville	39060
Lake Twp.	41272
Loudonville	45066
Mifflin	50036
Mifflin Twp.	50050
Milton Twp.	50610
Mohican Twp.	51086
Montgomery Twp.	51688
Orange Twp.	58562
Perry Twp.	61756
Perrysville	62190
Polk	63996
Ruggles Twp.	68966
Savannah	70576
Sullivan Twp.	75357
Troy Twp.	77532
Vermillion Twp.	79758
Ashtabula County	
Andover	2050
Andover Twp.	2064
Ashtabula	2638
Ashtabula County	99007
Ashtabula Twp.	2652
Austinburg Twp.	3156
Cherry Valley Twp.	13890
Colebrook Twp.	16560
Conneaut	18350
Denmark Twp.	21672
Dorset Twp.	22344
Edgewood	24542
Geneva	29610
Geneva Twp.	29624
Geneva-on-the-Lake	29652
Harpersfield Twp.	33642
Hartsgrove Twp.	34300
Jefferson	38500
Jefferson Twp.	38514
Kingsville Twp.	40404
Lenox Twp.	42742
Monroe Twp.	51296
Morgan Twp.	52066
New Lyme Twp.	54964
North Kingsville	56700
Orwell	58856
Orwell Twp.	58870

Pierpont Twp.	62568
Plymouth Twp.	63772
Richmond Twp.	66796
Roaming Shores	67600
Rock Creek	67846
Rome Twp.	68224
Saybrook Twp.	70646
Sheffield Twp.	72053
Trumbull Twp.	77686
Wayne Twp.	82040
Williamsfield Twp.	85372
Windsor Twp.	85988
Athens County	
Albany	1042
Alexander Twp.	1112
Ames Twp.	1770
Amesville	1784
Athens	2736
Athens County	99009
Athens Twp.	2750
Bern Twp.	5942
Buchtel	9834
Canaan Twp.	11220
Carthage Twp.	12336
Chauncey	13778
Coolville	18588
Dover Twp.	22414
Glouster	30674
Jacksonville	38304
Lee Twp.	42420
Lodi Twp.	44590
Nelsonville	53886
Rome Twp.	68238
The Plains	76568
Trimble	77406
Trimble Twp.	77420
Troy Twp.	77546
Waterloo Twp.	81777
York Twp.	86982
Auglaize County	
Auglaize County	99011
Buckland	9974
Clay Twp.	15448
Cridersville	19400
Duchouquet Twp.	22722
German Twp.	29848
Goshen Twp.	30954
Jackson Twp.	37674
Logan Twp.	44618
Minster	50918
Moulton Twp.	52472

EMSIRS-2 Data Dictionary

New Bremen	54194
New Knoxville	54838
Noble Twp.	55986
Pusheta Twp.	65018
Saint Marys	69680
Saint Marys Twp.	69694
Salem Twp.	69806
Union Twp.	78204
Uniopolis	78848
Wapakoneta	80766
Washington Twp.	81074
Wayne Twp.	82054
Waynesfield	82390
Belmont County	
Barnesville	3926
Bellaire	5074
Belmont	5312
Belmont County	99013
Bethesda	6138
Bridgeport	8560
Brookside	9316
Colerain Twp.	16602
Fairview	26348
Flushing	27552
Flushing Twp.	27566
Goshen Twp.	30968
Holloway	35924
Kirkwood Twp.	40600
Martins Ferry	48104
Mead Twp.	48580
Morristown	52346
Neffs	53788
Pease Twp.	61378
Powhatan Point	64542
Pultney Twp.	64962
Richland Twp.	66628
Saint Clairsville	69526
Shadyside	71640
Smith Twp.	72736
Somerset Twp.	72970
Union Twp.	78218
Warren Twp.	80864
Washington Twp.	81088
Wayne Twp.	82068
Wheeling Twp.	84602
Wilson	85834
York Twp.	86996
Yorkville	87178
Brown County	
Aberdeen	142
Brown County	99015
Byrd Twp.	10758
Clark Twp.	15224
Eagle Twp.	23072
Fayetteville	26796

Franklin Twp.	28210
Georgetown	29778
Green Twp.	31696
Hamersville	32984
Higginsport	35168
Huntington Twp.	36834
Jackson Twp.	37688
Jefferson Twp.	38528
Lewis Twp.	42910
Mount Orab	52906
Perry Twp.	61770
Pike Twp.	62596
Pleasant Twp.	63212
Ripley	67272
Russellville	69316
Saint Martin	69666
Sardinia	70534
Scott Twp.	71066
Sterling Twp.	74559
Union Twp.	78232
Washington Twp.	81102
Butler County	
Beckett Ridge	4840
Butler County	99017
College Corner	16700
Fairfield	25970
Fairfield Twp.	25984
Hamilton	33012
Hanover Twp.	33250
Jacksonburg	38192
Lemon Twp.	42672
Liberty Twp.	43050
Madison Twp.	46340
Middletown	49840
Milford Twp.	50162
Millville	50540
Monroe	51310
Morgan Twp.	52080
New Miami	55104
Oxford	59234
Oxford Twp.	59241
Reily Twp.	66096
Ross	68602
Ross Twp.	68616
Saint Clair Twp.	69498
Seven Mile	71444
Sharonville	71892
Somerville	72998
South Middletown	73510
Trenton	77322
Union Twp.	78246
Wayne Twp.	82082
West Chester Twp.	78246
Carroll County	
Augusta Twp.	3030

Brown Twp.	9400
Carroll County	99019
Carrollton	12280
Center Twp.	12896
Dellroy	21560
East Twp.	23226
Fox Twp.	28126
Harrison Twp.	33782
Lee Twp.	42434
Leesville	42518
Loudon Twp.	45038
Magnolia	46844
Malvern	46998
Minerva	50834
Monroe Twp.	51324
Orange Twp.	58576
Perry Twp.	61784
Rose Twp.	68420
Sherrodsville	72242
Union Twp.	78260
Washington Twp.	81116
Champaign County	
Adams Twp.	212
Champaign County	99021
Christiansburg	14296
Concord Twp.	18126
Goshen Twp.	30982
Harrison Twp.	33796
Jackson Twp.	37702
Johnson Twp.	39228
Mad River Twp.	46760
Mechanicsburg	48706
Mutual	53480
North Lewisburg	56770
Rush Twp.	69078
Saint Paris	69708
Salem Twp.	69820
Union Twp.	78274
Urbana	79072
Urbana Twp.	79086
Wayne Twp.	82096
Woodstock	86478
Clark County	
Bethel Twp.	6054
Catawba	12560
Clark County	99023
Clifton	16056
Crystal Lakes	19596
Donnelsville	22288
Enon	25452
German Twp.	29862
Green Twp.	31703
Green Meadows	32207
Harmony Twp.	33586
Holiday Valley	35868

Lawrenceville	42210
Mad River Twp.	46788
Madison Twp.	46354
Moorefield Twp.	51912
New Carlisle	54334
North Hampton	56588
Northridge	56938
Park Layne	59920
Pike Twp.	62610
Pleasant Twp.	63226
South Charleston	73124
South Vienna	73796
Springfield	74118
Springfield Twp.	74119
Tremont City	77308
Clermont County	
Amelia	1742
Batavia	4150
Batavia Twp.	4157
Bethel	6068
Cherry Grove	13848
Chilo	14226
Clermont County	99025
Day Heights	20366
Felicity	26880
Franklin Twp.	28224
Goshen Twp.	31010
Jackson Twp.	37716
Loveland	45108
Miami Twp.	49322
Milford	50176
Monroe Twp.	51338
Moscow	52416
Mount Repose	53032
Mulberry	53270
Neville	53956
New Richmond	55384
Newtonsville	55664
Ohio Twp.	57960
Owensville	59220
Pierce Twp.	62540
Stonelick Twp.	74825
Summerside	75434
Tate Twp.	76155
Union Twp.	78288
Washington Twp.	81130
Wayne Twp.	82110
Williamsburg	85288
Williamsburg Twp.	85302
Withamsville	86254
Clinton County	
Adams Twp.	226
Blanchester	6908
Chester Twp.	13974
Clark Twp.	15238

Clarksville	15406
Clinton County	99027
Green Twp.	31710
Jefferson Twp.	38542
Liberty Twp.	43064
Marion Twp.	47670
Martinsville	48118
Midland	49896
New Vienna	55748
Port William	64360
Richland Twp.	66642
Sabina	69400
Union Twp.	78302
Vernon Twp.	79772
Washington Twp.	81144
Wayne Twp.	82124
Wilmington	85792
Wilson Twp.	85820
Columbiana County	
Butler Twp.	10562
Calcutta	10926
Center Twp.	12910
Columbiana	17036
Columbiana County	99029
East Liverpool	23730
East Palestine	23940
Elkrun Twp.	24906
Fairfield Twp.	25998
Franklin Twp.	28238
Glenmoor	30520
Hanover Twp.	33264
Hanoverton	33306
Knox Twp.	40824
La Croft	41090
Leetonia	42560
Lisbon	44030
Liverpool Twp.	44226
Madison Twp.	46368
Middleton Twp.	49784
Minerva	50834
New Waterford	55790
Perry Twp.	61798
Rogers	68084
Saint Clair Twp.	69512
Salem	69834
Salem Twp.	69848
Salineville	70100
Summitville	75574
Unity Twp.	78890
Washington Twp.	81158
Washingtonville	81732
Wayne Twp.	82138
Wellsville	82740
West Twp.	82852
Yellow Creek Twp.	86912

Coshocton County	
Adams Twp.	240
Baltic	3744
Bedford Twp.	4864
Bethlehem Twp.	6152
Clark Twp.	15266
Conesville	18266
Coshocton	18868
Coshocton County	99031
Crawford Twp.	19218
Franklin Twp.	28252
Jackson Twp.	37730
Jefferson Twp.	38556
Keene Twp.	39634
Lafayette Twp.	41132
Linton Twp.	43960
Mill Creek Twp.	50274
Monroe Twp.	51352
Nellie	53816
Newcastle Twp.	54376
Oxford Twp.	59248
Perry Twp.	61812
Pike Twp.	62624
Plainfield	63044
Tiverton Twp.	76953
Tuscarawas Twp.	77896
Virginia Twp.	80220
Warsaw	81032
Washington Twp.	81172
West Lafayette	83608
White Eyes Twp.	84714
Crawford County	
Auburn Twp.	2890
Bucyrus	10030
Bucyrus Twp.	10044
Chatfield	13694
Chatfield Twp.	13708
Cranberry Twp.	19134
Crawford County	99033
Crestline	19330
Dallas Twp.	19932
Galion	29162
Holmes Twp.	35980
Jackson Twp.	37744
Jefferson Twp.	38570
Liberty Twp.	43078
Lykens Twp.	45500
New Washington	55776
North Robinson	56994
Polk Twp.	64010
Sandusky Twp.	70366
Texas Twp.	76463
Tiro	76932
Tod Twp.	76967
Vernon Twp.	79786

Whetstone Twp.	84644
Cuyahoga County	
Bay Village	4416
Beachwood	4500
Bedford	4878
Bedford Heights	4920
Bentleyville	5550
Berea	5690
Bratenahl	8336
Brecksville	8364
Broadview Heights	9064
Brook Park	9288
Brooklyn	9246
Brooklyn Heights	9274
Chagrin Falls	13358
Chagrin Falls Twp.	13372
Cleveland	16000
Cleveland Heights	16014
Cuyahoga County	99035
Cuyahoga Heights	19806
East Cleveland	23380
Euclid	25704
Fairview Park	26446
Garfield Heights	29428
Gates Mills	29498
Glenwillow	30632
Highland Heights	35252
Highland Hills	35255
Hunting Valley	36918
Independence	37240
Lakewood	41664
Linndale	43918
Lyndhurst	45556
Maple Heights	47306
Mayfield	48468
Mayfield Heights	48482
Middleburg Heights	49644
Moreland Hills	52052
Newburgh Heights	54250
North Olmsted	56882
North Randall	56924
North Royalton	57008
Oakwood	57750
Olmsted Twp.	58408
Olmsted Falls	58422
Orange	58604
Parma	61000
Parma Heights	61028
Pepper Pike	61686
Richmond Heights	66894
Rocky River	68056
Seven Hills	71416
Shaker Heights	71682
Solon	72928
South Euclid	73264
Strongsville	75098

University Heights	78932
Valley View	79268
Walton Hills	80738
Warrensville Heights	80990
Westlake	83622
Woodmere	86394
Darke County	
Adams Twp.	254
Allen Twp.	1294
Ansonia	2120
Arcanum	2330
Bradford	8084
Brown Twp.	9414
Burkettsville	10296
Butler Twp.	10576
Castine	12504
Darke County	99037
Franklin Twp.	28266
Gettysburg	29974
Gordon	30912
Greenville	32340
Greenville Twp.	32354
Harrison Twp.	33810
Hollansburg	35896
Ithaca	37604
Jackson Twp.	37758
Liberty Twp.	43092
Mississinawa Twp.	50960
Monroe Twp.	51366
Neave Twp.	53732
New Madison	54978
New Weston	55818
North Star	57064
Osgood	58912
Palestine	59598
Patterson Twp.	61168
Pittsburg	62890
Richland Twp.	66656
Rossburg	68672
Twin Twp.	77980
Union City	78624
Van Buren Twp.	79380
Versailles	79912
Wabash Twp.	80248
Washington Twp.	81186
Wayne Twp.	82152
Wayne Lakes	82348
York Twp.	87010
Yorkshire	87164
Defiance County	
Adams Twp.	268
Defiance	21308
Defiance County	99039
Defiance Twp.	21322
Delaware Twp.	21420

Farmer Twp.	26614
Hicksville	35098
Hicksville Twp.	35112
Highland Twp.	35196
Mark Twp.	47852
Milford Twp.	50190
Ney	55874
Noble Twp.	56014
Richland Twp.	66670
Sherwood	72256
Tiffin Twp.	76772
Washington Twp.	81200
Delaware County	
Ashley	2582
Berkshire Twp.	5774
Berlin Twp.	5788
Brown Twp.	9428
Columbus	18000
Concord Twp.	18140
Delaware	21434
Delaware County	99041
Delaware Twp.	21448
Dublin	22694
Galena	29148
Genoa Twp.	29694
Harlem Twp.	33516
Kingston Twp.	40362
Liberty Twp.	43106
Marlboro Twp.	47908
Orange Twp.	58618
Ostrander	58940
Oxford Twp.	59262
Porter Twp.	64178
Powell	64486
Radnor Twp.	65312
Scioto Twp.	70842
Shawnee Hills	71976
Sunbury	75602
Thompson Twp.	76617
Trenton Twp.	77336
Troy Twp.	77560
Westerville	83342
Erie County	
Bay View	4402
Berlin Twp.	5802
Berlin Heights	5900
Castalia	12476
Erie County	99043
Fairview Lanes	26432
Florence Twp.	27482
Groton Twp.	32578
Huron	37016
Huron Twp.	37030
Kelleys Island	39662
Margaretta Twp.	47572

Milan	50134
Milan Twp.	50148
Oxford Twp.	59276
Perkins Twp.	61714
Sandusky	70380
Vermilion	79716
Vermilion Twp.	79730
Fairfield County	
Amanda	1630
Amanda Twp.	1637
Baltimore	3758
Berne Twp.	5956
Bloom Twp.	6950
Bremen	8392
Buckeye Lake	9890
Canal Winchester	11332
Carroll	12252
Clearcreek Twp.	15686
Columbus	18000
Fairfield County	99045
Fairfield Beach	26110
Greenfield Twp.	32060
Hocking Twp.	35812
Lancaster	41720
Liberty Twp.	43120
Lithopolis	44086
Madison Twp.	46382
Millersport	50400
Pickerington	62498
Pleasant Twp.	63240
Pleasantville	63716
Reynoldsburg	66390
Richland Twp.	66684
Rush Creek Twp.	69120
Rushville	69204
Stoutsville	74916
Sugar Grove	75252
Thurston	76764
Violet Twp.	80206
Walnut Twp.	80570
West Rushville	84182
Fayette County	
Bloomington	7188
Concord Twp.	18154
Fayette County	99047
Green Twp.	31724
Jasper Twp.	38388
Jefferson Twp.	38598
Jeffersonville	38920
Madison Twp.	46396
Marion Twp.	47684
Milledgeville	50316
New Holland	54726
Octa	57918
Paint Twp.	59486

Perry Twp.	61826
Union Twp.	78316
Washington CH	81214
Wayne Twp.	82166
Franklin County	
Bexley	6278
Blacklick Estates	6670
Blendon Twp.	6922
Brice	8532
Brown Twp.	9442
Canal Winchester	11332
Clinton Twp.	16112
Columbus	18000
Dublin	22694
Franklin County	99049
Franklin Twp.	28280
Gahanna	29106
Grandview Heights	31304
Grove City	32592
Groveport	32606
Hamilton Twp.	33026
Harrisburg	33740
Hilliard	35476
Huber Ridge	36624
Jackson Twp.	37772
Jefferson Twp.	38612
Lake Darby	41363
Lincoln Village	43792
Lockbourne	44310
Madison Twp.	46410
Marble Cliff	47474
Mifflin Twp.	50064
Minerva Park	50862
New Albany	53970
New Rome	55426
Norwich Twp.	57344
Obetz	57862
Perry Twp.	61840
Pickerington	62498
Plain Twp.	62974
Pleasant Twp.	63254
Prairie Twp.	64570
Reynoldsburg	66390
Riverlea	67440
Sharon Twp.	71787
Truro Twp.	77714
Upper Arlington	79002
Urbancrest	79100
Valleyview	79282
Washington Twp.	81242
Westerville	83342
Whitehall	84742
Worthington	86604
Fulton County	
Amboy Twp.	1728

Archbold	2344
Chesterfield Twp.	14072
Clinton Twp.	16126
Delta	21616
Dover Twp.	22442
Fayette	26768
Franklin Twp.	28294
Fulton County	99051
Fulton Twp.	29036
German Twp.	29876
Gorham Twp.	30940
Lyons	45626
Metamora	49238
Pike Twp.	62638
Royalton Twp.	68896
Swan Creek Twp.	75861
Swanton	75896
Wauseon	81928
York Twp.	87024
Gallia County	
Addison Twp.	422
Centerville	13169
Cheshire	13932
Cheshire Twp.	13946
Clay Twp.	15462
Crown City	19554
Gallia County	99053
Gallipolis	29204
Gallipolis Twp.	29218
Green Twp.	31738
Greenfield Twp.	32074
Guyan Twp.	32760
Harrison Twp.	33824
Huntington Twp.	36848
Morgan Twp.	52094
Ohio Twp.	57974
Perry Twp.	61854
Raccoon Twp.	65228
Rio Grande	67258
Springfield Twp.	74120
Vinton	80178
Walnut Twp.	80584
Geauga County	
Aquilla	2274
Auburn Twp.	2904
Bainbridge	3585
Bainbridge Twp.	3590
Burton	10436
Burton Twp.	10464
Chardon	13554
Chardon Twp.	13561
Chester Twp.	13988
Chesterland	14100
Claridon Twp.	15168
Geauga County	99055

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Hambden Twp.	32914
Hunting Valley	36918
Huntsburg	36946
Middlefield	49700
Middlefield Twp.	49714
Montville Twp.	51842
Munson Twp.	53340
Newbury Twp.	54292
Parkman Twp.	59948
Russell Twp.	69232
South Russell	73684
Thompson Twp.	76628
Troy Twp.	77574
Greene County	
Bath Twp.	4220
Beavercreek	4720
Beavercreek Twp.	4724
Bellbrook	5102
Bowersville	7930
Caesars Creek Twp.	10856
Cedarville	12784
Cedarville Twp.	12798
Clifton	16056
Fairborn	25914
Greene County	99057
Jamestown	38374
Jefferson Twp.	38626
Kettering	40040
Miami Twp.	49336
New Jasper Twp.	54810
Ross Twp.	68630
Shawnee Hills	71983
Silver Creek Twp.	72473
Spring Valley	74216
Spring Valley Twp.	74223
Sugar Creek Twp.	75201
Wilberforce	85092
Xenia	86772
Xenia Twp.	86786
Yellow Springs	86940
Guernsey County	
Adams Twp.	282
Byesville	10716
Cambridge	10996
Cambridge Twp.	11003
Center Twp.	12938
Cumberland	19694
Fairview	26348
Guernsey County	99059
Jackson Twp.	37786
Jefferson Twp.	38640
Kimbolton	40264
Knox Twp.	40838
Liberty Twp.	43134
Londonderry Twp.	44716

Lore City	44954
Madison Twp.	46424
Millwood Twp.	50568
Monroe Twp.	51380
Old Washington	58226
Oxford Twp.	59290
Pleasant City	63436
Quaker City	65116
Richland Twp.	66698
Salesville	70072
Senecaville	71360
Spencer Twp.	73986
Valley Twp.	79156
Washington Twp.	81256
Westland Twp.	83664
Wheeling Twp.	84616
Wills Twp.	85708
Hamilton County	
Addyston	436
Amberley	1672
Anderson Twp.	1980
Arlington Heights	2428
Blue Ash	7300
Cherry Grove	13848
Cheviot	14128
Cincinnati	15000
Cleves	16028
Colerain Twp.	16616
Columbia Twp.	16882
Covedale	19008
Crosby Twp.	19470
Deer Park	21266
Delhi Twp.	21504
Dent	21742
Dillonvale	22008
Dry Run	22674
Elmwood Place	25186
Evendale	25802
Fairfax	25942
Fairfield	25970
Finneytown	27104
Forest Park	27706
Forestville	27776
Fruit Hill	28966
Glendale	30380
Golf Manor	30786
Green Twp.	31752
Greenhills	32158
Groesbeck	32536
Hamilton County	99061
Harrison	33838
Harrison Twp.	33852
Indian Hill	76582
Kenwood	39914
Lincoln Heights	43722
Lockland	44366

Loveland	45108
Loveland Park	45122
Madeira	46312
Mariemont	47600
Miami Twp.	49364
Milford	50176
Montgomery	51716
Mount Healthy	52752
Mt. Healthy Heights	52780
Newtown	55678
North Bend	56182
North College Hill	56322
Northbrook	56280
Northgate	56553
Norwood	57386
Pleasant Run	63604
Pleasant Run Farm	63618
Reading	65732
Saint Bernard	69470
Sharonville	71892
Sherwood	72252
Silverton	72522
Springdale	74104
Springfield Twp.	74121
Sycamore Twp.	75973
Symmes Twp.	76028
Terrace Park	76428
Turpin Hills	77840
White Oak	84812
Whitewater Twp.	84938
Woodlawn	86366
Wyoming	86730
Hancock County	
Allen Twp.	1308
Amanda Twp.	1644
Arcadia	2316
Arlington	2400
Benton Ridge	5662
Biglick Twp.	6362
Blanchard Twp.	6838
Bluffton	7426
Cass Twp.	12392
Delaware Twp.	21462
Eagle Twp.	23086
Findlay	27048
Fostoria	28014
Hancock County	99063
Jackson Twp.	37800
Jenera	38948
Liberty Twp.	43148
Madison Twp.	46438
Marion Twp.	47698
McComb	45808
Mount Blanchard	52598
Mount Cory	52668
Orange Twp.	58632

Pleasant Twp.	63268
Portage Twp.	64066
Rawson	65634
Union Twp.	78330
Van Buren	79394
Van Buren Twp.	79408
Vanlue	79534
Washington Twp.	81284
Hardin County	
Ada	198
Alger	1210
Blanchard Twp.	6866
Buck Twp.	9848
Cessna Twp.	13316
Dudley Twp.	22736
Dunkirk	22946
Forest	27636
Goshen Twp.	31024
Hale Twp.	32837
Hardin County	99065
Jackson Twp.	37814
Kenton	39886
Liberty Twp.	43162
Lynn Twp.	45598
Marion Twp.	47712
McDonald Twp.	45920
McGuffey	46046
Mount Victory	53144
Patterson	61182
Pleasant Twp.	63282
Ridgeway	67118
Roundhead Twp.	68784
Taylor Creek Twp.	76198
Washington Twp.	81298
Harrison County	
Adena	464
Archer Twp.	2358
Athens Twp.	2764
Bowerston	7916
Cadiz	10800
Cadiz Twp.	10814
Deersville	21294
Franklin Twp.	28308
Freeport	28798
Freeport Twp.	28812
German Twp.	29890
Green Twp.	31766
Harrison County	99067
Harrisville	34090
Hopedale	36260
Jewett	39172
Monroe Twp.	51394
Moorefield Twp.	51940
New Athens	54068
North Twp.	56084

Nottingham Twp.	57456
Rumley Twp.	68994
Scio	70814
Short Creek Twp.	72361
Stock Twp.	74724
Washington Twp.	81312
Henry County	
Bartlow Twp.	4052
Damascus Twp.	20016
Deshler	21812
Flatrock Twp.	27342
Florida	27538
Freedom Twp.	28700
Hamler	33096
Harrison Twp.	33866
Henry County	99069
Holgate	35854
Liberty Twp.	43176
Liberty Center	43414
Malinta	46942
Marion Twp.	47726
McClure	45794
Monroe Twp.	51408
Napoleon	53550
Napoleon Twp.	53564
New Bavaria	54110
Pleasant Twp.	63296
Richfield Twp.	66502
Ridgeville Twp.	67062
Washington Twp.	81326
Highland County	
Brushcreek Twp.	9736
Clay Twp.	15476
Concord Twp.	18168
Dodson Twp.	22204
Fairfield Twp.	26026
Greenfield	32088
Hamer Twp.	32970
Highland	35210
Highland County	99071
Hillsboro	35560
Jackson Twp.	37828
Leesburg	42476
Liberty Twp.	43190
Lynchburg	45542
Madison Twp.	46452
Marshall Twp.	48034
Mowrystown	53186
New Market Twp.	55048
Paint Twp.	59500
Penn Twp.	61588
Salem Twp.	69862
Sinking Spring	72578
Union Twp.	78344
Washington Twp.	81340

Whiteoak Twp.	84826
Hocking County	
Benton Twp.	5578
Buchtel	9834
Falls Twp.	26488
Good Hope Twp.	30842
Green Twp.	31780
Hocking County	99073
Laurel Twp.	42056
Laurelville	42084
Logan	44632
Marion Twp.	47740
Murray City	53410
Perry Twp.	61868
Salt Creek Twp.	70142
Starr Twp.	74405
Ward Twp.	80780
Washington Twp.	81354
Holmes County	
Baltic	3744
Berlin Twp.	5830
Clark Twp.	15280
Glenmont	30506
Hardy Twp.	33460
Holmes County	99075
Holmesville	35994
Killbuck	40180
Killbuck Twp.	40194
Knox Twp.	40852
Loudonville	45066
Mechanic Twp.	48692
Millersburg	50372
Monroe Twp.	51422
Nashville	53634
Paint Twp.	59514
Prairie Twp.	64584
Richland Twp.	66712
Ripley Twp.	67286
Salt Creek Twp.	70156
Walnut Creek Twp.	80626
Washington Twp.	81368
Huron County	
Bellevue	5228
Bronson Twp.	9148
Clarksfield Twp.	15364
Fairfield Twp.	26040
Fitchville Twp.	27216
Greenfield Twp.	32102
Greenwich	32368
Greenwich Twp.	32382
Hartland Twp.	34258
Huron County	99077
Lyme Twp.	45514
Milan	50134
Monroeville	51618

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New Haven Twp.	54712
New London	54908
New London Twp.	54922
North Fairfield	56420
Norwalk	57302
Norwalk Twp.	57316
Norwich Twp.	57358
Peru Twp.	62246
Plymouth	63800
Richmond Twp.	66810
Ridgefield Twp.	67006
Ripley Twp.	67300
Sherman Twp.	72193
Townsend Twp.	77158
Wakeman	80458
Wakeman Twp.	80472
Willard	85232
Jackson County	
Bloomfield Twp.	7090
Coal Twp.	16336
Coalton	16434
Franklin Twp.	28322
Hamilton Twp.	33040
Jackson	37842
Jackson County	99079
Jackson Twp.	37856
Jefferson Twp.	38654
Liberty Twp.	43204
Lick Twp.	43442
Madison Twp.	46466
Milton Twp.	50624
Oak Hill	57596
Scioto Twp.	70856
Washington Twp.	81382
Wellston	82712
Jefferson County	
Adena	464
Amsterdam	1938
Bergholz	5718
Bloomington	7202
Brush Creek Twp.	9750
Cross Creek Twp.	19484
Dillonvale	22022
Empire	25368
Irondale	37422
Island Creek Twp.	37534
Jefferson County	99081
Knox Twp.	40866
Mingo Junction	50904
Mount Pleasant	52976
Mount Pleasant Twp.	52990
New Alexandria	54012
Rayland	65662
Richmond	66824
Ross Twp.	68644

Salem Twp.	69876
Saline Twp.	70086
Salineville	70100
Smithfield	72760
Smithfield Twp.	72767
Springfield Twp.	74122
Steubenville	74608
Steubenville Twp.	74615
Stratton	75000
Tiltonsville	76806
Toronto	77112
Warren Twp.	80878
Wayne Twp.	82180
Wells Twp.	82698
Wintersville	86184
Yorkville	87178
Knox County	
Berlin Twp.	5844
Brown Twp.	9470
Butler Twp.	10590
Centerburg	13036
Clay Twp.	15504
Clinton Twp.	16140
College Twp.	16686
Danville	20114
Fredericktown	28658
Gambier	29246
Gann	29288
Harrison Twp.	33880
Hilliar Twp.	35462
Howard Twp.	36526
Jackson Twp.	37870
Jefferson Twp.	38668
Knox County	99083
Liberty Twp.	43218
Martinsburg	48090
Middlebury Twp.	49658
Milford Twp.	50204
Miller Twp.	50330
Monroe Twp.	51436
Morgan Twp.	52108
Morris Twp.	52290
Mount Vernon	53102
Pike Twp.	62652
Pleasant Twp.	63310
Union Twp.	78358
Utica	79114
Wayne Twp.	82194
Lake County	
Concord Twp.	18196
Eastlake	23618
Fairport Harbor	26306
Grand River	31234
Kirtland	40642
Kirtland Hills	40670

Lake County	99085
Lakeline	41398
Leroy Twp.	42812
Madison	46480
Madison Twp.	46494
Mentor	49056
Mentor-on-the-Lake	49098
North Madison	56812
North Perry	56910
Painesville	59416
Painesville Twp.	59430
Perry	61882
Perry Twp.	61896
Timberlake	76834
Waite Hill	80402
Wickliffe	85036
Willoughby	85484
Willoughby Hills	85512
Willowick	85638
Lawrence County	
Aid Twp.	562
Athalia	2722
Burlington	10352
Chesapeake	13904
Coal Grove	16378
Decatur Twp.	21084
Elizabeth Twp.	24822
Fayette Twp.	26782
Hamilton Twp.	33054
Hanging Rock	33194
Ironton	37464
Lawrence County	99087
Lawrence Twp.	42154
Mason Twp.	48174
Perry Twp.	61910
Proctorville	64766
Rome Twp.	68280
South Point	73670
Symmes Twp.	76031
Union Twp.	78372
Upper Twp.	78974
Washington Twp.	81396
Windsor Twp.	86002
Licking County	
Alexandria	1154
Beechwood Trails	5013
Bennington Twp.	5494
Bowling Green Twp.	7944
Buckeye Lake	9890
Burlington Twp.	10366
Eden Twp.	24332
Etna Twp.	25690
Fallsbury Twp.	26530
Franklin Twp.	28336
Granville	31402

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Granville Twp.	31416
Gratiot	31458
Hanover	33292
Hanover Twp.	33299
Harbor Hills	33362
Harrison Twp.	33894
Hartford Twp.	34188
Hartford	34202
Heath	34748
Hebron	34790
Hopewell Twp.	36316
Jersey Twp.	39102
Johnstown	39340
Kirkersville	40572
Liberty Twp.	43232
Licking County	99089
Licking Twp.	43456
Madison Twp.	46508
Mary Ann Twp.	48132
McKean Twp.	46116
Monroe Twp.	51450
Newark	54040
Newark Twp.	54054
Newton Twp.	55580
Pataskala	61112
Perry Twp.	61924
Reynoldsburg	66390
Saint Albans Twp.	69456
Saint Louisville	69652
Union Twp.	78400
Utica	79114
Washington Twp.	81410
Logan County	
Belle Center	5116
Bellefontaine	5130
Bloomfield Twp.	7118
Bokescreek Twp.	7552
De Graff	21378
Harrison Twp.	33908
Huntsville	36988
Jefferson Twp.	38682
Lake Twp.	41286
Lakeview	41608
Liberty Twp.	43246
Logan County	99091
McArthur Twp.	45682
Miami Twp.	49378
Monroe Twp.	51464
Perry Twp.	61938
Pleasant Twp.	63324
Quincy	65200
Richland Twp.	66740
Ridgeway	67118
Rushcreek Twp.	69134
Rushsylvania	69176
Russells Point	69302

Stokes Twp.	74780
Union Twp.	78414
Valley Hi	79226
Washington Twp.	81424
West Liberty	83734
West Mansfield	83818
Zane Twp.	88042
Zanesfield	88070
Lorain County	
Amherst	1798
Amherst Twp.	1812
Avon	3352
Avon Lake	3464
Brighton Twp.	8770
Brownhelm Twp.	9568
Camden Twp.	11010
Carlisle Twp.	12140
Columbia Twp.	16910
Eaton Twp.	24220
Eaton Estates	24262
Elyria	25256
Elyria Twp.	25270
Grafton	31150
Grafton Twp.	31164
Henrietta Twp.	34972
Huntington Twp.	36876
Kipton	40544
Lagrange	41230
Lagrange Twp.	41244
Lorain	44856
Lorain County	99093
New Russia Twp.	55446
North Ridgeville	56966
Oberlin	57834
Penfield Twp.	61532
Pittsfield Twp.	62960
Rochester	67762
Rochester Twp.	67776
Sheffield	72060
Sheffield Twp.	72067
Sheffield Lake	72088
South Amherst	73040
Vermilion	79716
Wellington	82642
Wellington Twp.	82656
Lucas County	
Berkey	5732
Harbor View	33376
Harding Twp.	33418
Holland	35882
Jerusalem Twp.	39116
Lucas County	99095
Maumee	48342
Monclova Twp.	51156
Oregon	58730

Ottawa Hills	59010
Providence Twp.	64836
Richfield Twp.	66516
Spencer Twp.	73990
Springfield Twp.	74123
Swanton	75896
Swanton Twp.	75903
Sylvania	76022
Sylvania Twp.	76025
Toledo	77000
Washington Twp.	81438
Waterville	81858
Waterville Twp.	81872
Whitehouse	84770
Madison County	
Canaan Twp.	11234
Darby Twp.	20142
Deer Creek Twp.	21154
Fairfield Twp.	26068
Jefferson Twp.	38696
London	44674
Madison County	99097
Midway	50008
Monroe Twp.	51478
Mount Sterling	53046
Oak Run Twp.	57708
Paint Twp.	59528
Pike Twp.	62666
Plain City	63030
Pleasant Twp.	63338
Range Twp.	65480
Somerford Twp.	72960
South Solon	73768
Stokes Twp.	74784
Union Twp.	78428
West Jefferson	83580
Mahoning County	
Alliance	1420
Austintown	3184
Austintown Twp.	3198
Beaver Twp.	4668
Beloit	5410
Berlin Twp.	5858
Boardman	7454
Boardman Twp.	7468
Campbell	11066
Canfield	11360
Canfield Twp.	11374
Coitsville Twp.	16476
Columbiana	17036
Craig Beach	19106
Ellsworth Twp.	25088
Goshen Twp.	31038
Green Twp.	31794
Jackson Twp.	37884

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Lowellville	45178
Mahoning County	99099
Maple Ridge	47362
Milton Twp.	50638
Mineral Ridge	50778
New Middletown	55118
Poland	63954
Poland Twp.	63968
Sebring	71220
Smith Twp.	72740
Springfield Twp.	74124
Struthers	75126
Washingtonville	81732
Youngstown	88000
Marion County	
Big Island Twp.	6348
Bowling Green Twp.	7958
Caledonia	10954
Claridon Twp.	15196
Grand Twp.	31178
Grand Prairie Twp.	31192
Green Camp	31948
Green Camp Twp.	31962
La Rue	41902
Marion	47754
Marion County	99101
Marion Twp.	47768
Montgomery Twp.	51730
Morral	52276
New Bloomington	54152
Pleasant Twp.	63352
Prospect	64780
Prospect Twp.	64794
Richland Twp.	66754
Salt Rock Twp.	70240
Scott Twp.	71073
Tully Twp.	77742
Waldo	80500
Waldo Twp.	80514
Medina County	
Brunswick	9680
Brunswick Hills Twp.	9708
Chatham Twp.	13750
Chippewa-on-Lake	14282
Gloria Glens Park	30660
Granger Twp.	31374
Guilford Twp.	32676
Harrisville Twp.	34104
Hinckley Twp.	35644
Homer Twp.	36078
Lafayette Twp.	41174
Litchfield Twp.	44072
Liverpool Twp.	44240
Lodi	44604
Medina	48790

Medina County	99103
Medina Twp.	48804
Montville Twp.	51856
Rittman	67356
Seville	71486
Sharon Twp.	71801
Spencer	73992
Spencer Twp.	73999
Wadsworth	80304
Wadsworth Twp.	80318
Westfield Twp.	83426
Westfield Center	83468
York Twp.	87052
Meigs County	
Bedford Twp.	4906
Chester Twp.	14016
Columbia Twp.	16924
Lebanon Twp.	42336
Letart Twp.	42868
Meigs County	99105
Middleport	49756
Olive Twp.	58282
Orange Twp.	58646
Pomeroy	64024
Racine	65256
Rutland	69358
Rutland Twp.	69372
Salem Twp.	69904
Salisbury Twp.	70114
Scipio Twp.	70996
Sutton Twp.	75847
Syracuse	76050
Mercer County	
Black Creek Twp.	6586
Burkettsville	10296
Butler Twp.	10604
Celina	12868
Center Twp.	12952
Chickasaw	14156
Coldwater	16532
Dublin Twp.	22708
Fort Recovery	27902
Franklin Twp.	28350
Gibson Twp.	30058
Granville Twp.	31430
Hopewell Twp.	36344
Jefferson Twp.	38724
Liberty Twp.	43260
Marion Twp.	47782
Mendon	49042
Mercer County	99107
Montezuma	51674
Recovery Twp.	65781
Rockford	67874
Saint Henry	69540

Union Twp.	78442
Washington Twp.	81452
Wayne Twp.	82206
Miami County	
Bethel Twp.	6110
Bradford	8084
Brown Twp.	9498
Casstown	12462
Concord Twp.	18224
Covington	19050
Elizabeth Twp.	24836
Fletcher	27412
Huber Heights	36610
Laura	42028
Lostcreek Twp.	44968
Ludlow Falls	45374
Miami County	99109
Monroe Twp.	51492
Newberry Twp.	54138
Newton Twp.	55594
Piqua	62848
Pleasant Hill	63534
Potsdam	64430
Springcreek Twp.	74097
Staunton Twp.	74475
Tipp City	76876
Troy	77588
Union Twp.	78456
Washington Twp.	81466
West Milton	83902
Monroe County	
Adams Twp.	296
Antioch	2148
Beallsville	4542
Benton Twp.	5606
Bethel Twp.	6124
Center Twp.	12966
Clarington	15210
Franklin Twp.	28357
Graysville	31542
Green Twp.	31808
Jackson Twp.	37898
Jerusalem	39130
Lee Twp.	42448
Lewisville	42980
Malaga Twp.	46928
Miltonsburg	50722
Monroe County	99111
Ohio Twp.	57988
Perry Twp.	61952
Salem Twp.	69918
Seneca Twp.	71349
Stafford	74300
Summit Twp.	75497
Sunsbury Twp.	75686

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Switzerland Twp.	75945
Washington Twp.	81480
Wayne Twp.	82208
Wilson	85834
Woodsfield	86436
Montgomery County	
Brookville	9358
Butler Twp.	10618
Carlisle	12168
Centerville	13190
Clay Twp.	15518
Clayton	15644
Dayton	21000
Drexel	22624
Englewood	25396
Farmersville	26656
Fort McKinley	27846
German Twp.	29904
Germantown	29932
Harrison Twp.	33922
Huber Heights	36610
Jackson Twp.	37912
Jefferson Twp.	38738
Kettering	40040
Miami Twp.	49392
Miamisburg	49434
Montgomery County	99113
Moraine	52010
New Lebanon	54852
Northridge	56952
Oakwood	57764
Perry Twp.	61966
Phillipsburg	62414
Riverside	67468
Shiloh	72284
Springboro	74076
Trotwood	77504
Union	78470
Vandalia	79492
Verona	79898
Washington Twp.	81494
West Carrollton	83111
Morgan County	
Bloom Twp.	6964
Bristol Twp.	8910
Center Twp.	12980
Chesterhill I	4086
Deerfield Twp.	21182
Homer Twp.	36092
Malta	46970
Malta Twp.	46984
Manchester Twp.	47040
Marion Twp.	47796
McConnelsville	45822
Meigsville Twp.	48930

Morgan County	99115
Morgan Twp.	52122
Penn Twp.	61602
Stockport	74748
Union Twp.	78484
Windsor Twp.	86016
York Twp.	87066
Morrow County	
Bennington Twp.	5508
Canaan Twp.	11248
CardingtonI	2084
Cardington Twp.	12098
Chester Twp.	14030
Chesterville	14114
Congress Twp.	18294
Edison	24598
Franklin Twp.	28378
Fulton	29050
Gilead Twp.	30128
Harmony Twp.	33600
Lincoln Twp.	43680
Marengo	47558
Morrow County	99117
Mount Gilead	52738
N. Bloomfield Twp.	56224
Perry Twp.	61980
Peru Twp.	62260
S. Bloomfield Twp.	73061
Sparta	73950
Troy Twp.	77602
Washington Twp.	81508
Westfield Twp.	83454
Muskingum County	
Adams Twp.	310
Adamsville	380
Blue Rock Twp.	7398
Brush Creek Twp.	9757
Cass Twp.	12406
Clay Twp.	15532
Dresden	22610
Falls Twp.	26502
Fazeysburg	28574
Fultonham	29064
Gratiot	31458
Harrison Twp.	33936
Highland Twp.	35238
Hopewell Twp.	36372
Jackson Twp.	37926
Jefferson Twp.	38752
Licking Twp.	43470
Madison Twp.	46536
Meigs Twp.	48916
Monroe Twp.	51506
Muskingum County	99119
Muskingum Twp.	53438

New Concord	54446
Newton Twp.	55608
North Zanesville	57218
Norwich	57372
Perry Twp.	61994
Philo	62442
Pleasant Grove	63478
Rich Hill Twp.	66600
Roseville	68560
Salem Twp.	69932
Salt Creek Twp.	70170
South Zanesville	73894
Springfield Twp.	74125
Union Twp.	78498
Washington Twp.	81522
Wayne Twp.	82236
Zanesville	88084
Noble County	
Batesville	4192
Beaver Twp.	4682
Belle Valley	5158
Brookfield Twp.	9162
Buffalo Twp.	10142
Caldwell	10940
Center Twp.	12994
Dexter City	21910
Elk Twp.	24878
Enoch Twp.	25438
Jackson Twp.	37940
Jefferson Twp.	38766
Marion Twp.	47810
Noble County	99121
Noble Twp.	56028
Olive Twp.	58310
Sarahsville	70520
Seneca Twp.	71352
Sharon Twp.	71826
Stock Twp.	74728
Summerfield	75406
Wayne Twp.	82250
Ottawa County	
Allen Twp.	1322
Bay Twp.	4304
Benton Twp.	5620
Carroll Twp.	12266
Catawba Island Twp.	12588
Clay Twp.	15546
Clay Center	15588
Danbury Twp.	20058
Elmore	25144
Erie Twp.	25578
Genoa	29722
Harris Twp.	33726
Marblehead	47502
Oak Harbor	57582

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Ottawa County	99123
Port Clinton	64150
Portage Twp.	64080
Put-in-Bay	65032
Put-in-Bay Twp.	65046
Rocky Ridge	68042
Salem Twp.	69946
Paulding County	
Antwerp	2204
Auglaize Twp.	3002
Benton Twp.	5634
Blue Creek Twp.	7370
Broughton	9386
Brown Twp.	9512
Carryall Twp.	12308
Cecil	12700
Crane Twp.	19176
Emerald Twp.	25298
Grover Hill	32620
Harrison Twp.	33950
Haviland	34552
Jackson Twp.	37954
Latty	41986
Latty Twp.	42000
Melrose	49000
Oakwood	57792
Paulding	61252
Paulding County	99125
Paulding Twp.	61266
Payne	61322
Scott	71080
Washington Twp.	81536
Perry County	
Bearfield Twp.	4584
Clayton Twp.	15658
Coal Twp.	16350
Corning	18770
Crooksville	19456
Glenford	30436
Harrison Twp.	33964
Hemlock	34888
Hopewell Twp.	36386
Jackson Twp.	37968
Junction City	39508
Madison Twp.	46550
Monday Creek Twp.	51198
Monroe Twp.	51520
New Lexington	54866
New Straitsville	55552
Perry County	99127
Pike Twp.	62680
Pleasant Twp.	63366
Reading Twp.	65760
Rendville	66222
Roseville	68560

Salt Lick Twp.	70226
Shawnee	71962
Somerset	72977
Thorn Twp.	76659
Thornville	76680
Pickaway County	
Ashville	2680
Circleville	15070
Circleville Twp.	15077
Commercial Point	18070
Darby Twp.	20156
Darbyville	20212
Deer Creek Twp.	21168
Harrisburg	33740
Harrison Twp.	33978
Jackson Twp.	37982
Logan Elm Village	44636
Madison Twp.	46564
Monroe Twp.	51534
Muhlenberg Twp.	53256
New Holland	54726
Orient	58800
Perry Twp.	62008
Pickaway County	99129
Pickaway Twp.	62484
Salt Creek Twp.	70184
Scioto Twp.	70870
South Bloomfield	73068
Tarleton	76148
Walnut Twp.	80598
Washington Twp.	81550
Wayne Twp.	82264
Williamsport	85414
Pike County	
Beaver	4696
Beaver Twp.	4710
Benton Twp.	5648
Camp Creek Twp.	11122
Jackson Twp.	37996
Marion Twp.	47824
Mifflin Twp.	50078
Newton Twp.	55622
Pebble Twp.	61392
Pee Pee Twp.	61434
Perry Twp.	62022
Pike County	99131
Piketon	62708
Scioto Twp.	70884
Seal Twp.	71171
Sunfish Twp.	75637
Union Twp.	78512
Waverly	81942
Portage County	
Atwater Twp.	2862
Aurora	3086

Brady Lake	8168
Brimfield	8826
Brimfield Twp.	8840
Charlestown Twp.	13610
Deerfield Twp.	21210
Edinburg Twp.	24584
Franklin Twp.	28392
Freedom Twp.	28742
Garrettsville	29442
Hiram	35658
Hiram Twp.	35672
Kent	39872
Mantua	47180
Mantua Twp.	47194
Mogadore	51058
Nelson Twp.	53858
Palmyra Twp.	59668
Paris Twp.	59822
Portage County	99133
Randolph Twp.	65452
Ravenna	65592
Ravenna Twp.	65606
Rootstown Twp.	68392
Shalersville Twp.	71731
Streetsboro	75014
Suffield Twp.	75189
Sugar Bush Knolls	75196
Tallmadge	76106
Windham	85946
Windham Twp.	85960
Preble County	
Camden	11024
College Corner	16700
Dixon Twp.	22106
Eaton	24234
Eldorado	24766
Gasper Twp.	29484
Gratis	31472
Gratis Twp.	31486
Harrison Twp.	33992
Israel Twp.	37590
Jackson Twp.	38010
Jefferson Twp.	38780
Lanier Twp.	41846
Lewisburg	42938
Monroe Twp.	51548
New Paris	55188
Preble County	99135
Somers Twp.	72964
Twin Twp.	77994
Verona	79898
Washington Twp.	81564
West Alexandria	82880
West Elkton	83216
West Manchester	83804

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Putnam County	
Belmore	5396
Blanchard Twp.	6880
Cloverdale	16266
Columbus Grove	18014
Continental	18504
Dupont	22974
Fort Jennings	27818
Gilboa	30114
Glandorf	30282
Greensburg Twp.	32228
Jackson Twp.	38024
Jennings Twp.	38976
Kalida	39536
Leipsic	42602
Liberty Twp.	43288
Miller City	50358
Monroe Twp.	51562
Monterey Twp.	51660
Ottawa	58982
Ottawa Twp.	58996
Ottoville	59052
Palmer Twp.	59612
Pandora	59738
Perry Twp.	62036
Pleasant Twp.	63380
Putnam County	99137
Riley Twp.	67174
Sugar Creek Twp.	75206
Union Twp.	78526
Van Buren Twp.	79450
West Leipsic	83706
Richland County	
Bellville	5284
Bloomington Twp.	7230
Butler	10632
Butler Twp.	10646
Cass Twp.	12420
Crestline	19330
Franklin Twp.	28406
Jackson Twp.	38038
Jefferson Twp.	38794
Lexington	42994
Lucas	45276
Madison Twp.	46578
Mansfield	47138
Mifflin Twp.	50092
Monroe Twp.	51576
Ontario	58520
Perry Twp.	62050
Plymouth	63800
Plymouth Twp.	63814
Richland County	99139
Sandusky Twp.	70394
Sharon Twp.	71830

Shelby	72102
Shiloh	72298
Springfield Twp.	74128
Troy Twp.	77616
Washington Twp.	81578
Weller Twp.	82628
Worthington Twp.	86618
Ross County	
Adelphi	450
Bainbridge	3604
Buckskin Twp.	10016
Chillicothe	14184
Clarksburg	15336
Colerain Twp.	16630
Concord Twp.	18238
Deerfield Twp.	21224
Frankfort	28182
Franklin Twp.	28420
Green Twp.	31822
Harrison Twp.	34006
Huntington Twp.	36890
Jefferson Twp.	38808
Kingston	40376
Liberty Twp.	43302
North Fork Village	56546
Paint Twp.	59542
Paxton Twp.	61308
Ross County	99141
Scioto Twp.	70898
South Salem	73698
Springfield Twp.	74129
Twin Twp.	78008
Union Twp.	78540
Sandusky County	
Ballville	3716
Ballville Twp.	3730
Bellevue	5228
Burgoon	10282
Clyde	16308
Fremont	28826
Gibsonburg	30072
Green Creek Twp.	31990
Green Springs	32256
Helena	34860
Jackson Twp.	38052
Lindsey	43904
Madison Twp.	46592
Rice Twp.	66460
Riley Twp.	67188
Sandusky County	99143
Sandusky Twp.	70408
Scott Twp.	71087
Stony Prairie	74832
Townsend Twp.	77162
Washington Twp.	81592

Woodville	86492
Woodville Twp.	86506
York Twp.	87080
Scioto County	
Bloom Twp.	6992
Brush Creek Twp.	9764
Clay Twp.	15560
Franklin Furnace	28532
Green Twp.	31836
Harrison Twp.	34020
Jefferson Twp.	38815
Lucasville	45304
Madison Twp.	46606
Morgan Twp.	52150
New Boston	54166
Nile Twp.	55902
Otway	59066
Porter Twp.	64206
Portsmouth	64304
Rarden	65508
Rarden Twp.	65522
Rosemount	68546
Rush Twp.	69092
Scioto County	99145
Scioto Twp.	70912
South Webster	73824
Union Twp.	78554
Valley Twp.	79170
Vernon Twp.	79828
Washington Twp.	81606
West Portsmouth	84140
Wheelersburg	84588
Seneca County	
Adams Twp.	324
Attica	2820
Bettsville	6194
Big Spring Twp.	6432
Bloom Twp.	7006
Bloomville	7286
Clinton Twp.	16154
Eden Twp.	24346
Fostoria	28014
Green Springs	32256
Hopewell Twp.	36400
Jackson Twp.	38066
Liberty Twp.	43316
Loudon Twp.	45052
New Riegel	55398
Pleasant Twp.	63394
Reed Twp.	65942
Republic	66320
Scipio Twp.	71024
Seneca County	99147
Seneca Twp.	71355
Thompson Twp.	76632

Tiffin	76778
Venice Twp.	79674
Shelby County	
Anna	2092
Botkins	7832
Clinton Twp.	16168
Cynthia Twp.	19834
Dinsmore Twp.	22050
Fort Loramie	27832
Franklin Twp.	28434
Green Twp.	31850
Jackson Twp.	38080
Jackson Center	38220
Kettlersville	40054
Lockington	44352
Loramie Twp.	44884
McLean Twp.	46172
Orange Twp.	58660
Perry Twp.	62064
Port Jefferson	64262
Russia	69344
Salem Twp.	69960
Shelby County	99149
Sidney	72424
Turtle Creek Twp.	77854
Van Buren Twp.	79464
Washington Twp.	81620
Stark County	
Alliance	1420
Beach City	4458
Bethlehem Twp.	6180
Brewster	8504
Canal Fulton	11304
Canton	12000
Canton Twp.	12014
East Canton	23324
East Sparta	24052
Greentown	32298
Hartville	34328
Hills and Dales	35532
Jackson Twp.	38094
Lake Twp.	41314
Lawrence Twp.	42168
Lexington Twp.	43022
Limaville	43596
Louisville	45094
Magnolia	46844
Marlboro Twp.	47936
Massillon	48244
Meyers Lake	49294
Minerva	50834
Navarre	53690
Nimishillen Twp.	55944
North Canton	56294
Osnaburg Twp.	58926

Paris Twp.	59850
Perry Twp.	62078
Perry Heights	62134
Pike Twp.	62694
Plain Twp.	62988
Sandy Twp.	70436
Stark County	99151
Sugar Creek Twp.	75208
Tuscarawas Twp.	77910
Uniontown	78736
Washington Twp.	81634
Waynesburg	82376
Wilmot	85806
Summit County	
Akron	1000
Barberton	3828
Bath Twp.	4248
Boston Twp.	7776
Boston Heights	7790
Clinton	16182
Copley Twp.	18658
Coventry Twp.	19036
Cuyahoga Falls	19778
Fairlawn	26166
Franklin Twp.	28448
Green	31860
Hudson	36651
Lakemore	41454
Macedonia	45976
Mogadore	51058
Munroe Falls	53312
New Franklin	54562
Northfield	56448
Northfield Ctr. Twp.	56490
Norton	57260
Peninsula	61574
Pigeon Creek	62578
Portage Lakes	64136
Reminderville	66152
Richfield	66530
Richfield Twp.	66544
Sagamore Hills Twp.	69428
Silver Lake	72494
Springfield Twp.	74130
Stow	74944
Summit County	99153
Tallmadge	76106
Twinsburg	78050
Twinsburg Twp.	78064
Trumbull County	
Bazetta Twp.	4444
Bloomfield Twp.	7160
Bolindale	7583
Braceville Twp.	8056
Bristol Twp.	8938

Brookfield Twp.	9190
Brookfield Center	9200
Champion Twp.	13470
Churchill	14324
Cortland	18812
Farmington Twp.	26684
Fowler Twp.	28098
Girard	30198
Greene Twp.	32046
Gustavus Twp.	32732
Hartford Twp.	34230
Howland Twp.	36554
Howland Center	36557
Hubbard	36582
Hubbard Twp.	36596
Johnston Twp.	39298
Kinsman Twp.	40502
Liberty Twp.	43344
Lordstown	44912
McDonald	45934
Mecca Twp.	48678
Mesopotamia Twp.	49210
Mineral Ridge	50778
Newton Twp.	55636
Newton Falls	55650
Niles	55916
Orangeville	58674
South Canal	73118
Southington Twp.	73397
Trumbull County	99155
Vernon Twp.	79856
Vienna Twp.	80052
Warren	80892
Warren Twp.	80906
Weathersfield Twp.	82446
West Farmington	83384
West Hill	83541
Yankee Lake	86856
Youngstown	88000
Tuscarawas County	
Auburn Twp.	2918
Baltic	3744
Barnhill	3940
Bolivar	7594
Bucks Twp.	9988
Clay Twp.	15574
Dennison	21714
Dover	22456
Dover Twp.	22470
Fairfield Twp.	26082
Franklin Twp.	28462
Gnadenhutten	30702
Goshen Twp.	31066
Jefferson Twp.	38836
Lawrence Twp.	42182
Midvale	49966

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Mill Twp.	50232
Mineral City	50764
New Philadelphia	55216
Newcomerstown	54432
Oxford Twp.	59304
Parral	61056
Perry Twp.	62092
Port Washington	64346
Roswell	68742
Rush Twp.	69106
Salem Twp.	69974
Sandy Twp.	70443
Stone Creek	74804
Strasburg	74958
Sugar Creek Twp.	75217
Sugarcreek	75210
Tuscarawas	77924
Tuscarawas County	99157
Uhrichsville	78176
Union Twp.	78568
Warren Twp.	80920
Warwick Twp.	81060
Washington Twp.	81648
Wayne Twp.	82292
York Twp.	87094
Zoar	88168
Union County	
Allen Twp.	1336
Claibourne Twp.	15112
Darby Twp.	20170
Dover Twp.	22484
Dublin	22694
Jackson Twp.	38108
Jerome Twp.	39046
Leesburg Twp.	42490
Liberty Twp.	43358
Magnetic Springs	46830
Marysville	48160
Milford Center	50218
Millcreek Twp.	50288
Paris Twp.	59864
Plain City	63030
Richwood	66936
Taylor Twp.	76194
Union County	99159
Union Twp.	78582
Unionville Center	78834
Washington Twp.	81662
York Twp.	87122
Van Wert County	
Convoy	18546
Delphos	21602
Elgin	24794
Harrison Twp.	34034
Hoaglin Twp.	35756

Jackson Twp.	38122
Jennings Twp.	38990
Liberty Twp.	43372
Middle Point	49728
Ohio City	58002
Pleasant Twp.	63408
Ridge Twp.	66978
Scott	71080
Tully Twp.	77756
Union Twp.	78596
Van Wert	79562
Van Wert County	99161
Venedocia	79632
Washington Twp.	81676
Willshire	85736
Willshire Twp.	85750
Wren	86632
York Twp.	87136
Vinton County	
Brown Twp.	9526
Clinton Twp.	16210
Eagle Twp.	23100
Elk Twp.	24892
Hamden	32956
Harrison Twp.	34048
Jackson Twp.	38136
Knox Twp.	40880
Madison Twp.	46620
McArthur	45696
Richland Twp.	66768
Swan Twp.	75854
Vinton County	99163
Vinton Twp.	80192
Wilkesville	85190
Wilkesville Twp.	85204
Zaleski	88028
Warren County	
Blanchester	6908
Butlerville	10674
Carlisle	12168
Clear Creek Twp.	15700
Corwin	18840
Deerfield Twp.	21238
Five Points	27303
Franklin	28476
Franklin Twp.	28490
Hamilton Twp.	33068
Harlan Twp.	33474
Harveysburg	34384
Landen	41755
Lebanon	42364
Loveland	45108
Loveland Park	45122
Maineville	46872
Mason	48188

Massie Twp.	48216
Middletown	49840
Monroe	51310
Morrow	52374
Pleasant Plain	63576
Salem Twp.	69988
South Lebanon	73446
Springboro	74076
Turtle Creek Twp.	77868
Union Twp.	78610
Warren County	99165
Washington Twp.	81690
Wayne Twp.	82306
Waynesville	82418
Washington County	
Adams Twp.	338
Aurelius Twp.	3072
Barlow Twp.	3898
Belpre	5424
Belpre Twp.	5438
Beverly	6222
Decatur Twp.	21098
Devola	21868
Dunham Twp.	22918
Fairfield Twp.	26096
Fearing Twp.	26810
Grandview Twp.	31276
Independence Twp.	37268
Lawrence Twp.	42196
Liberty Twp.	43386
Lowell	45164
Lower Salem	45220
Ludlow Twp.	45360
Macksburg	46158
Marietta	47628
Marietta Twp.	47642
Matamoras	48286
Muskingum Twp.	53452
Newport Twp.	55356
Palmer Twp.	59626
Salem Twp.	70002
Warren Twp.	80934
Washington County	99167
Waterford Twp.	81774
Watertown Twp.	81844
Wesley Twp.	82838
Wayne County	
Apple Creek	2232
Baughman Twp.	4276
Burbank	10254
Canaan Twp.	11276
Chester Twp.	14044
Chippewa Twp.	14240
Clinton Twp.	16224
Congress	18308

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Congress Twp.	18322
Creston	19344
Dalton	19974
Doylestown	22568
East Union Twp.	24136
Franklin Twp.	28504
Fredericksburg	28616
Green Twp.	31878
Marshallville	48048
Milton Twp.	50666
Mount Eaton	52682
Norton	57260
Orrville	58828
Paint Twp.	59556
Plain Twp.	62995
Rittman	67356
Salt Creek Twp.	70198
Shreve	72396
Smithville	72788
Sugar Creek Twp.	75231
Wayne County	99169
Wayne Twp.	82320
West Salem	84196
Wooster	86548
Wooster Twp.	86562
Williams County	
Alvordton	1588
Blakeslee	6810
Brady Twp.	8140
Bridgewater Twp.	8630
Bryan	9792
Center Twp.	13008
Edgerton	24486
Edon	24640
Florence Twp.	27530
Holiday City	35864
Jefferson Twp.	38864
Madison Twp.	46634
Mill Creek Twp.	50302
Montpelier	51772
Northwest Twp.	57162
Pioneer	62834
Pulaski Twp.	64920
Saint Joseph Twp.	69638
Springfield Twp.	74131
Stryker	75140
Superior Twp.	75819
West Unity	84308
Williams County	99171
Wood County	
Bairdstown	3646
Bloom Twp.	7020
Bloomdale	7062
Bowling Green	7972
Bradner	8112

Center Twp.	13015
Custar	19750
Cygnnet	19820
Fostoria	28014
Freedom Twp.	28756
Grand Rapids	31206
Grand Rapids Twp.	31220
Haskins	34412
Henry Twp.	34986
Hoytville	36568
Jackson Twp.	38164
Jerry City	39074
Lake Twp.	41328
Liberty Twp.	43400
Luckey	45332
Middleton Twp.	49812
Millbury	50260
Milton Twp.	50680
Milton Center	50708
Montgomery Twp.	51744
North Baltimore	56154
Northwood	57190
Pemberville	61504
Perry Twp.	62106
Perrysburg	62148
Perrysburg Twp.	62162
Plain Twp.	63002
Portage	64108
Portage Twp.	64122
Risingsun	67314
Rossford	68686
Tontogany	77070
Troy Twp.	77630
Walbridge	80486
Washington Twp.	81704
Wayne	82334
Webster Twp.	82544
West Millgrove	83888
Weston	83972
Weston Twp.	83986
Wood County	99173
Wyandot County	
Antrim Twp.	2190
Carey	12112
Crane Twp.	19190
Crawford Twp.	19246
Eden Twp.	24360
Harpster	33656
Jackson Twp.	38178
Kirby	40558
Marseilles	47992
Marseilles Twp.	48006
Mifflin Twp.	50106
Nevada	53942
Pitt Twp.	62904
Richland Twp.	66782

Ridge Twp.	66992
Salem Twp.	70016
Sycamore	75980
Sycamore Twp.	75987
Tymochtee Twp.	78141
Upper Sandusky	79044
Wharton	84574
Wyandot County	99175